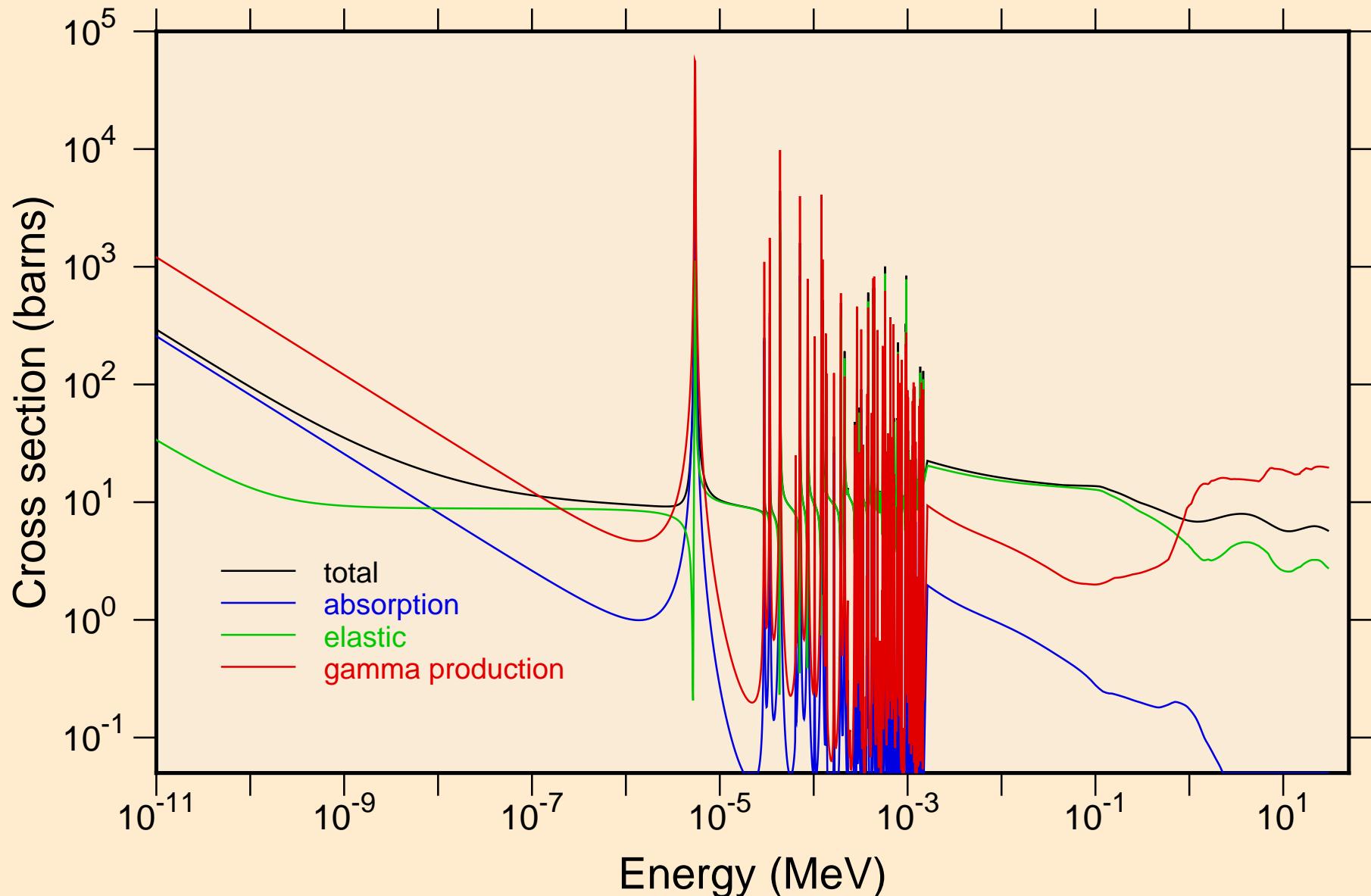


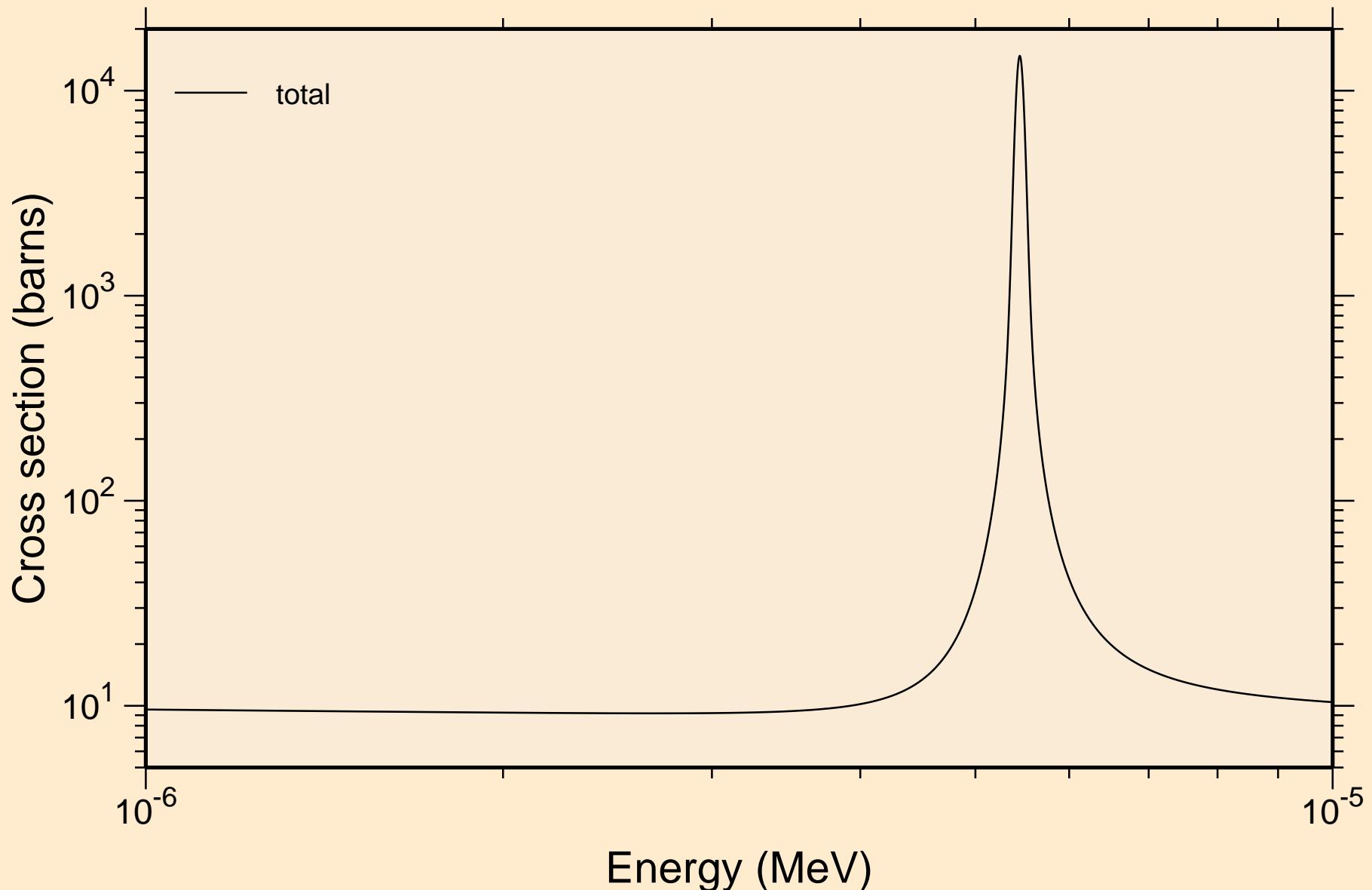
ADVANCE CALCULATIONS

Principal cross sections



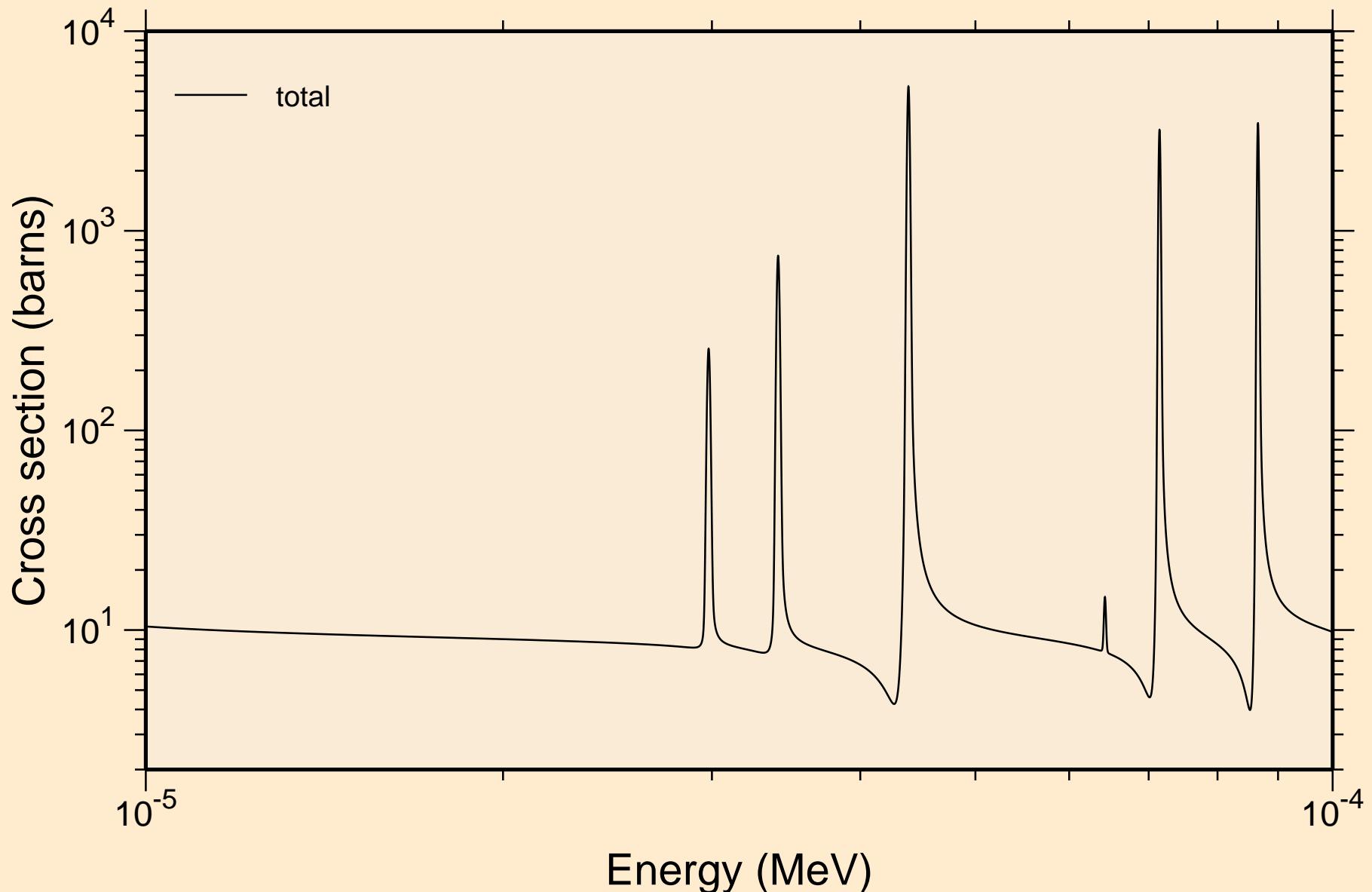
ADVANCE CALCULATIONS

resonance total cross section



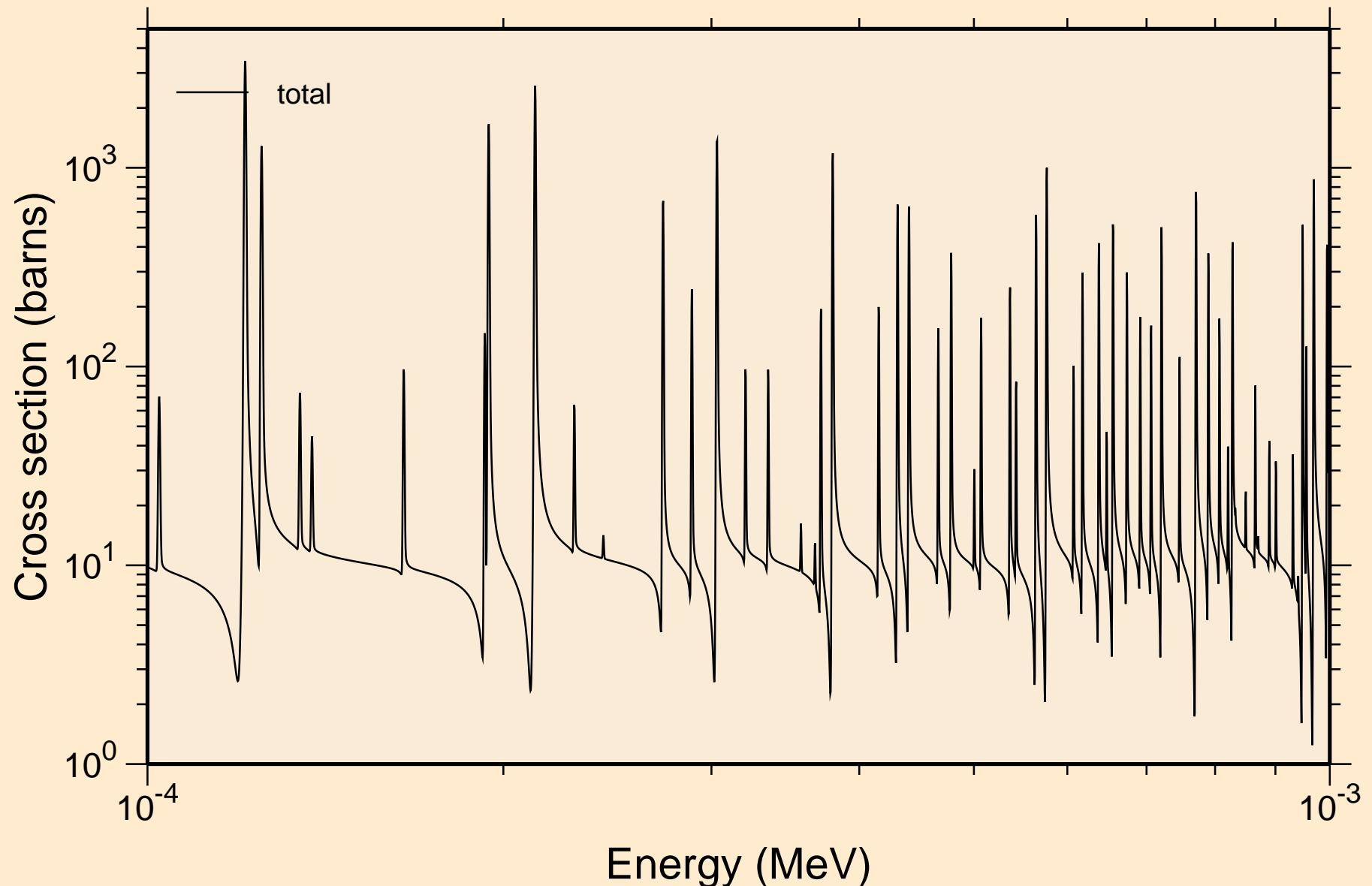
ADVANCE CALCULATIONS

resonance total cross section



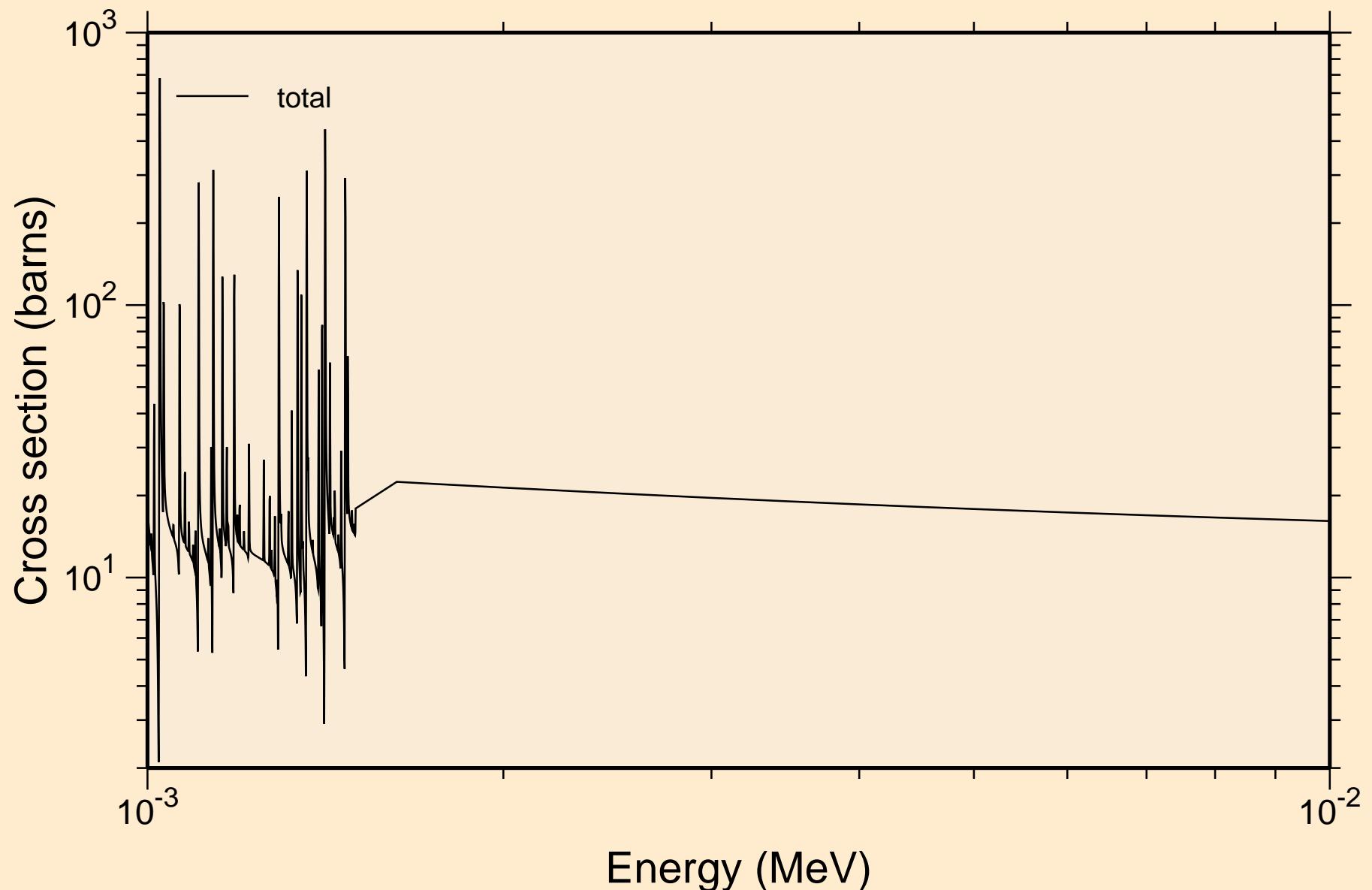
ADVANCE CALCULATIONS

resonance total cross section



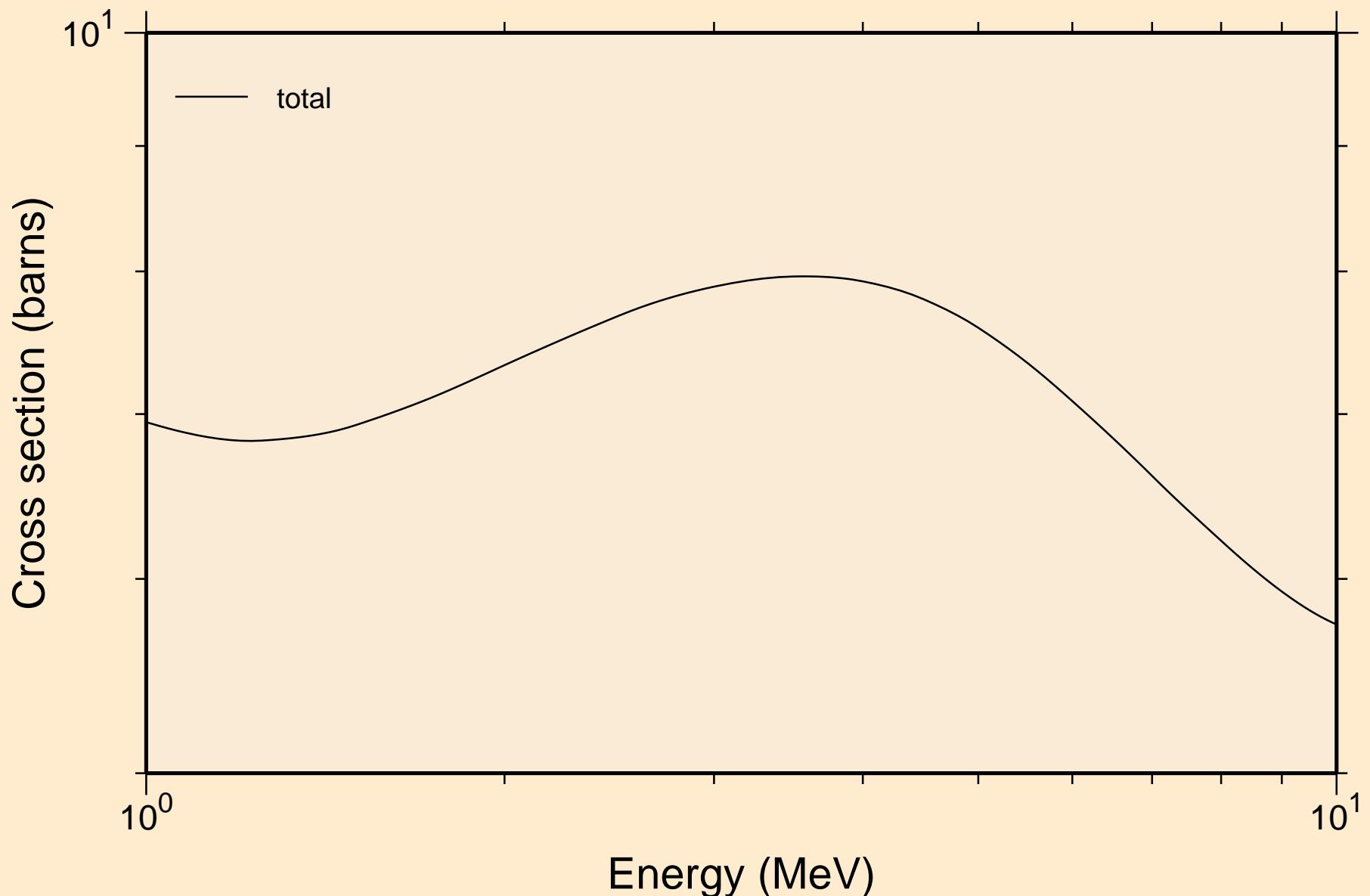
ADVANCE CALCULATIONS

resonance total cross section



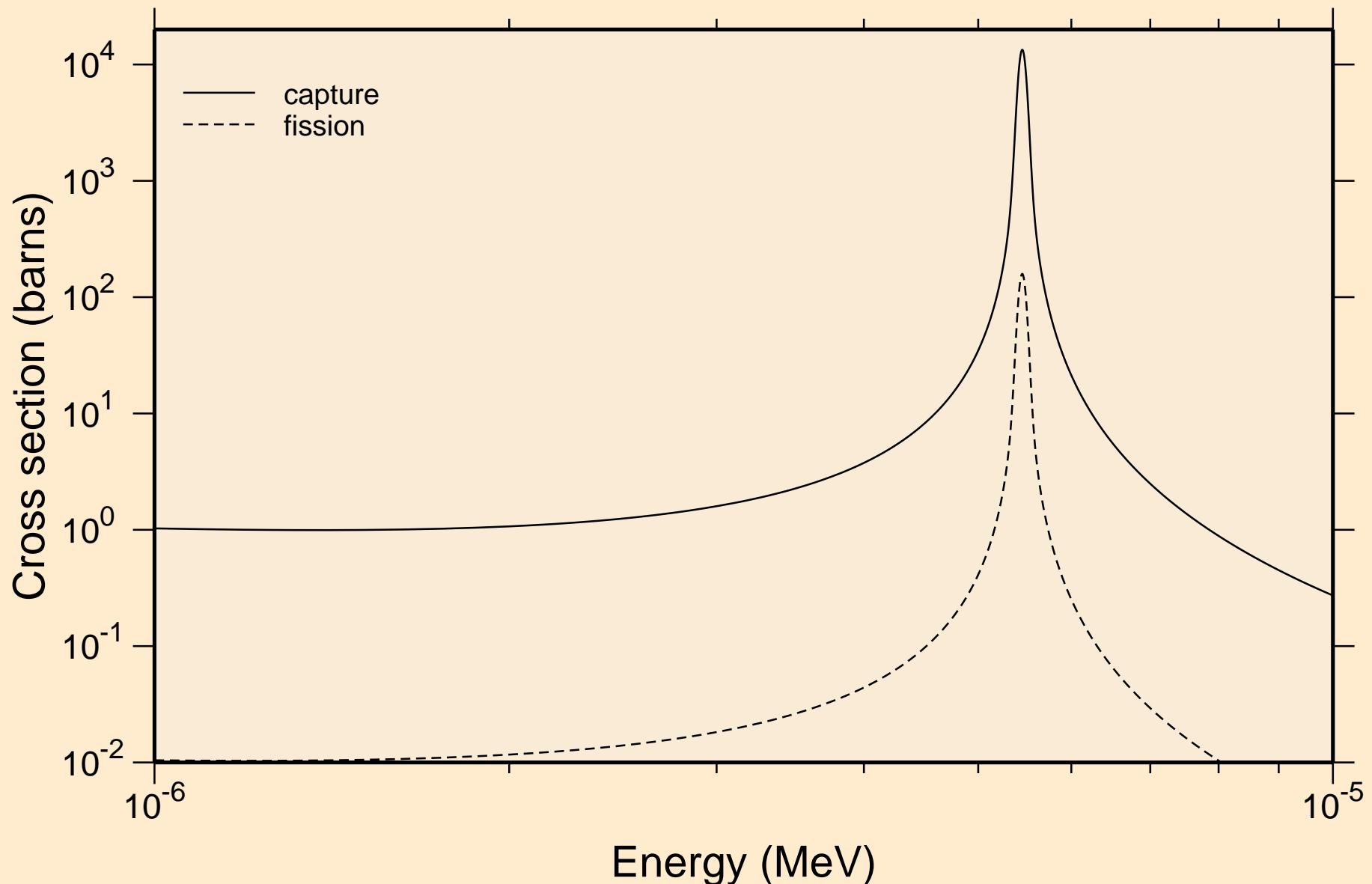
ADVANCE CALCULATIONS

resonance total cross section



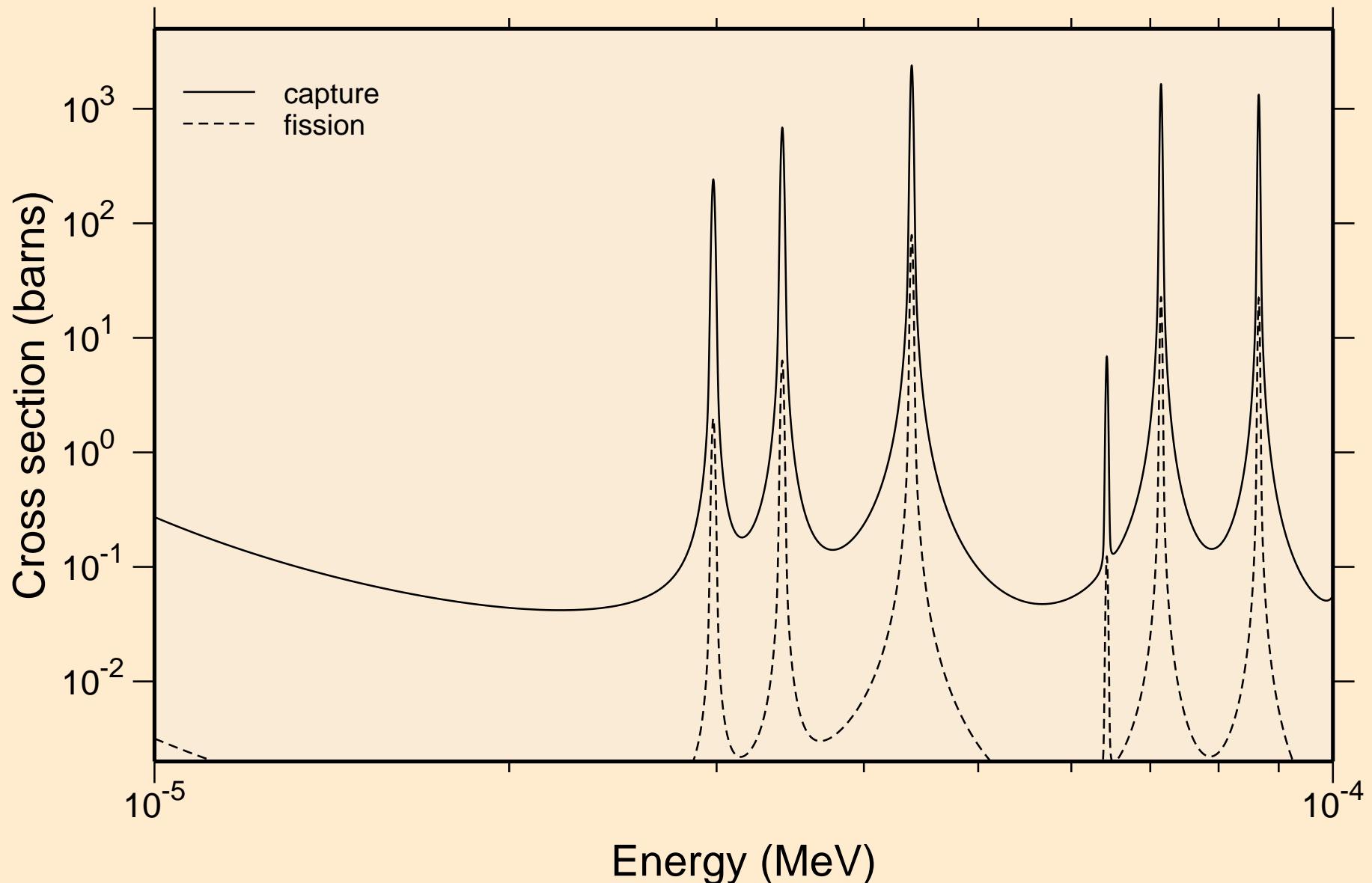
ADVANCE CALCULATIONS

resonance absorption cross sections



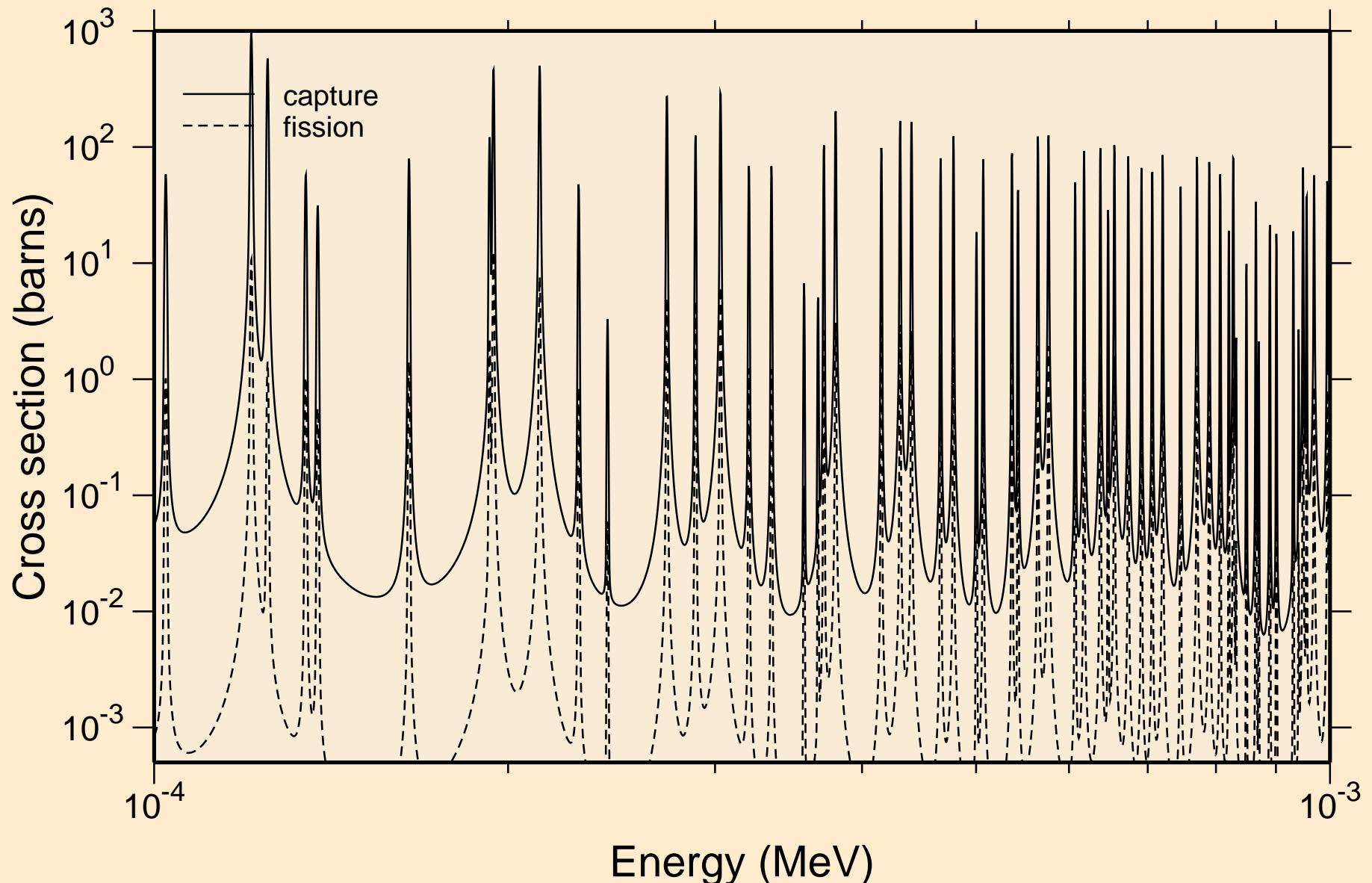
ADVANCE CALCULATIONS

resonance absorption cross sections



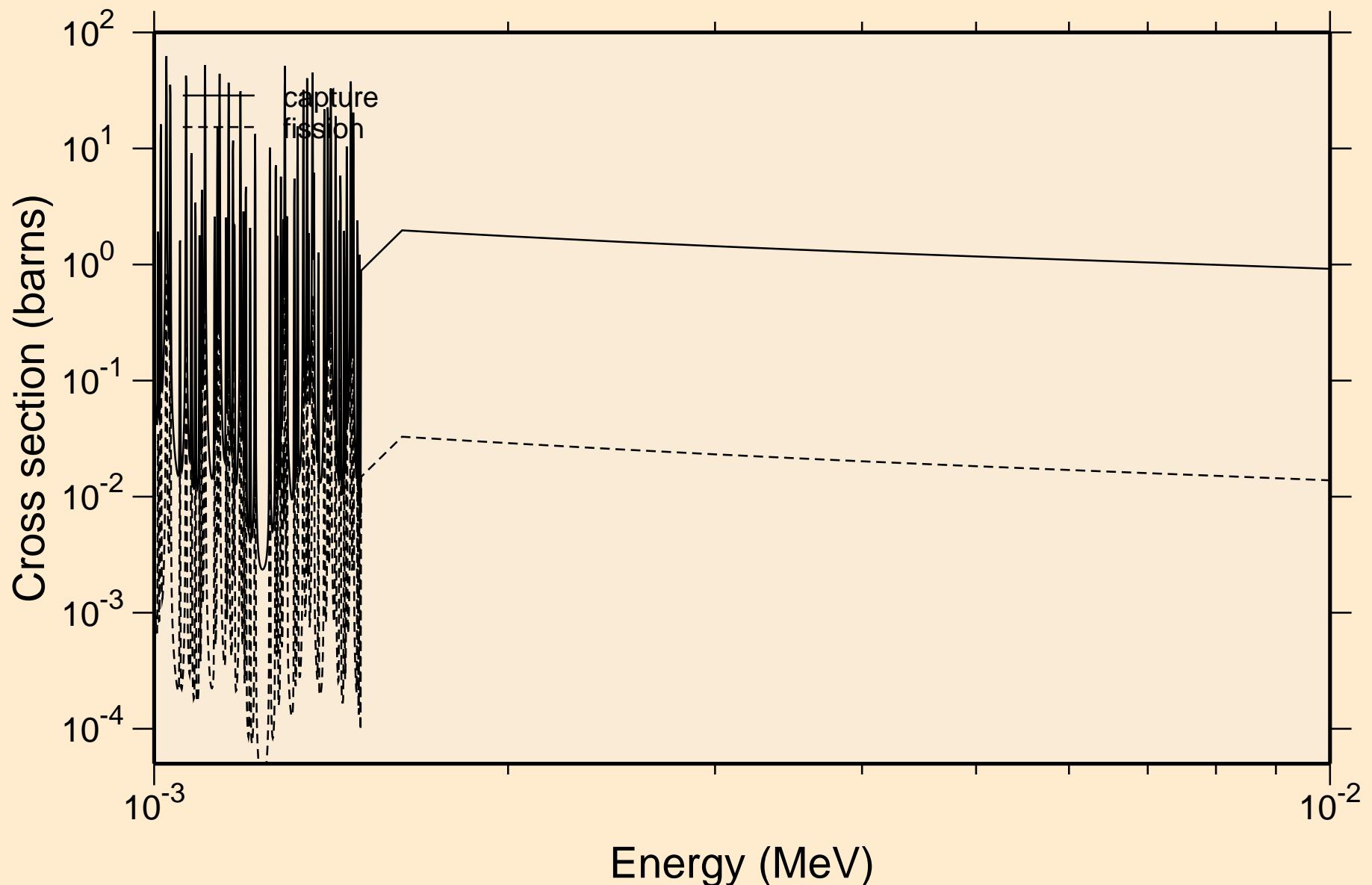
ADVANCE CALCULATIONS

resonance absorption cross sections



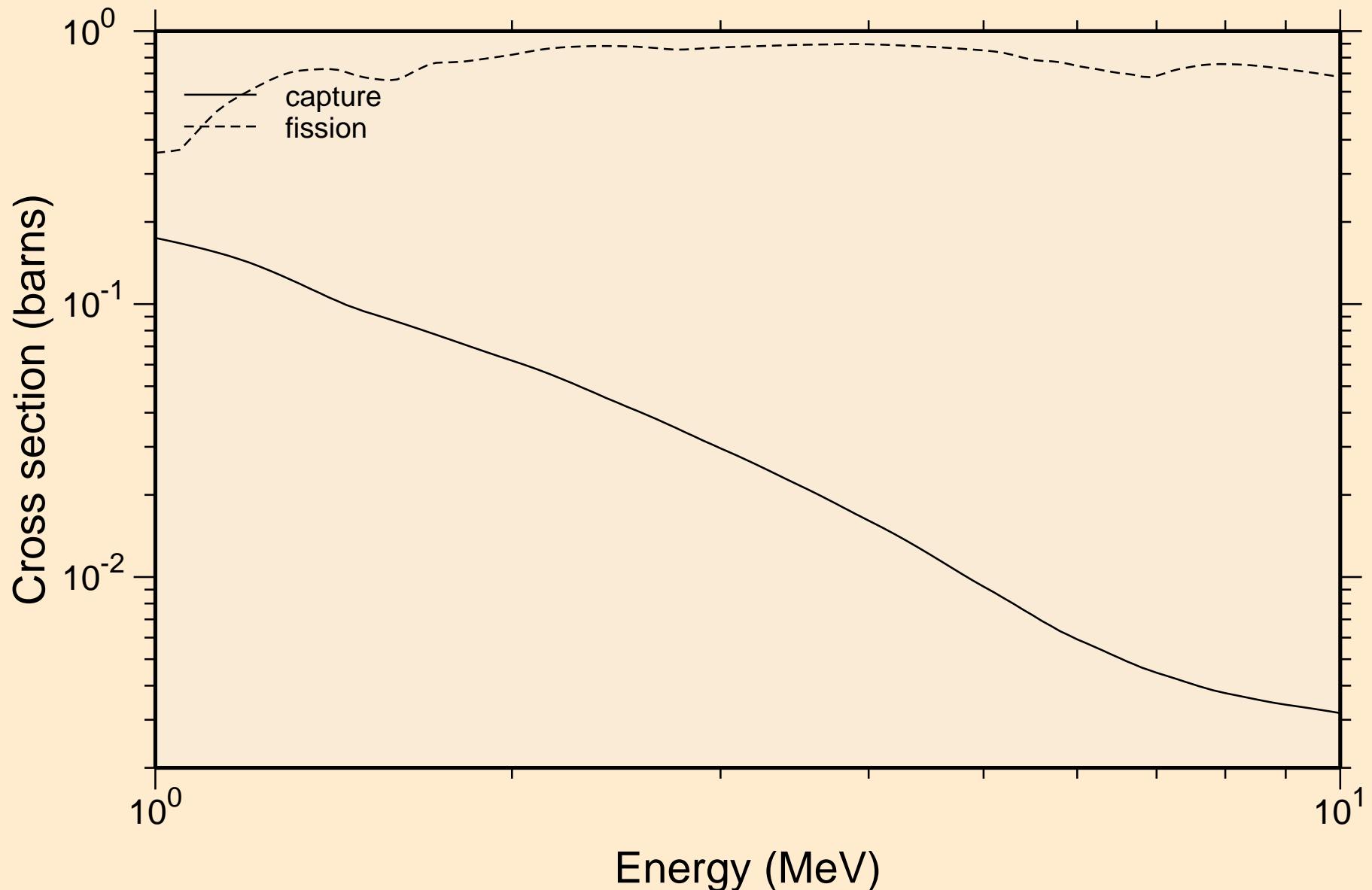
ADVANCE CALCULATIONS

resonance absorption cross sections



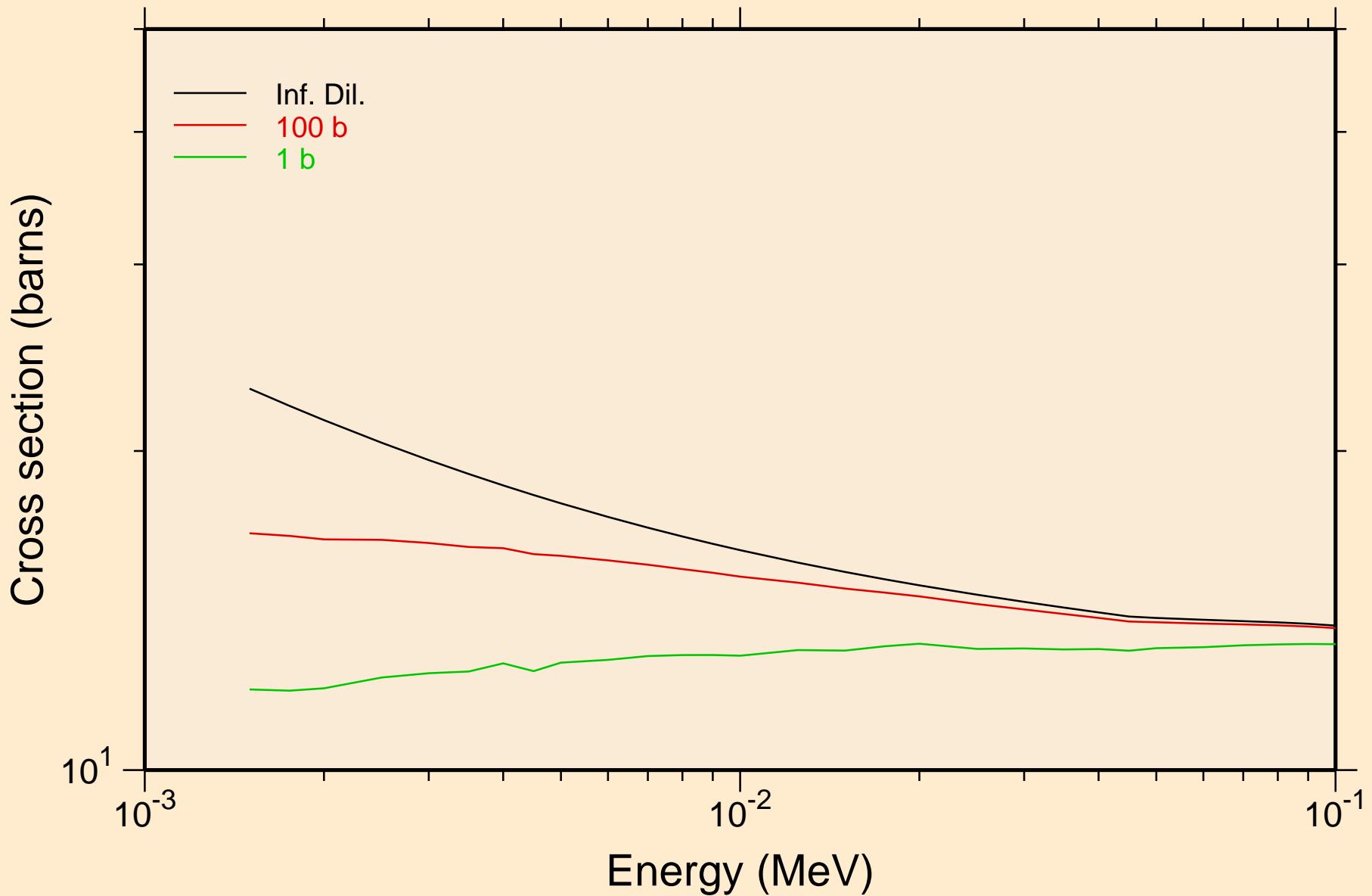
ADVANCE CALCULATIONS

resonance absorption cross sections



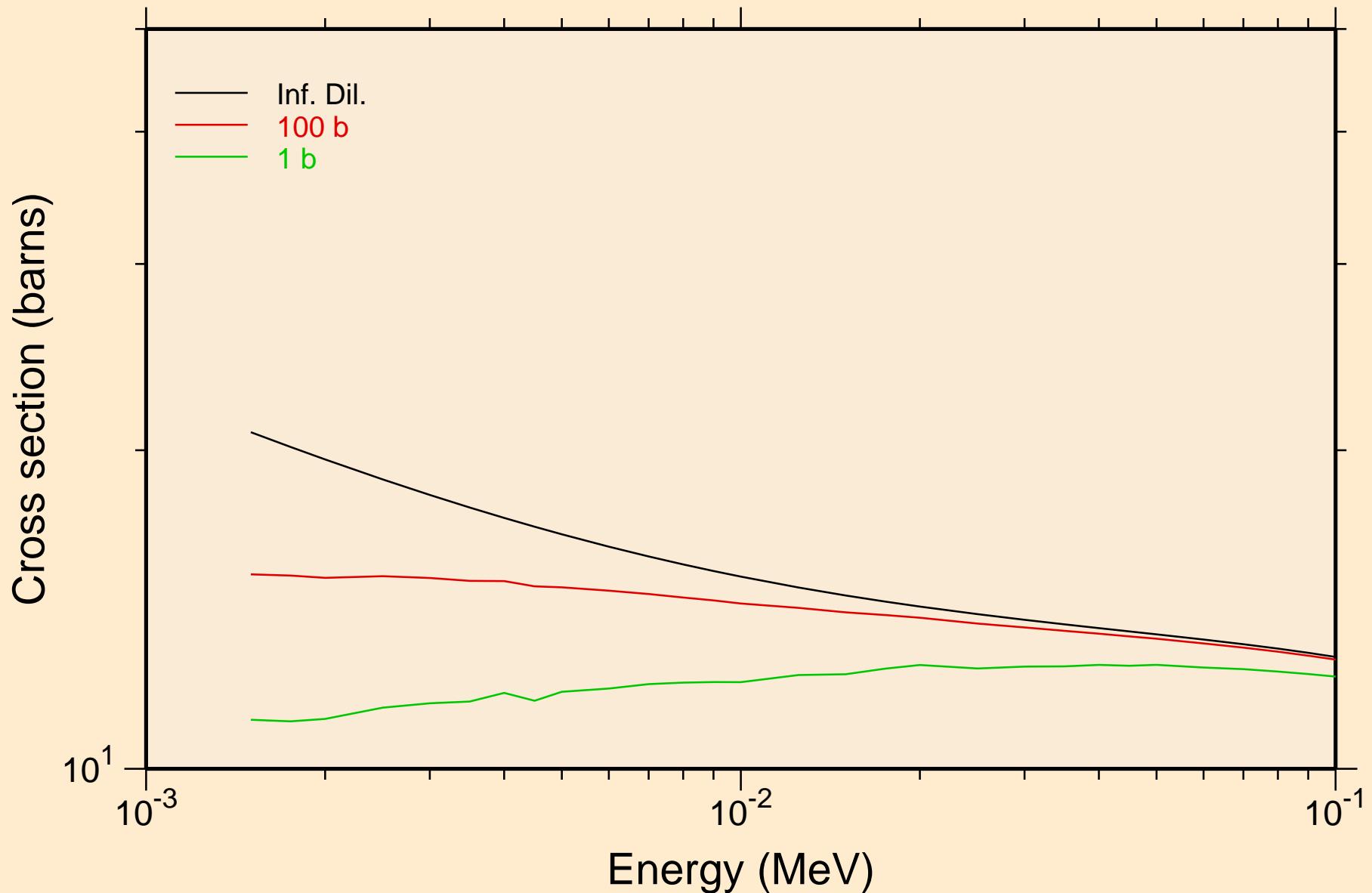
ADVANCE CALCULATIONS

UR total cross section



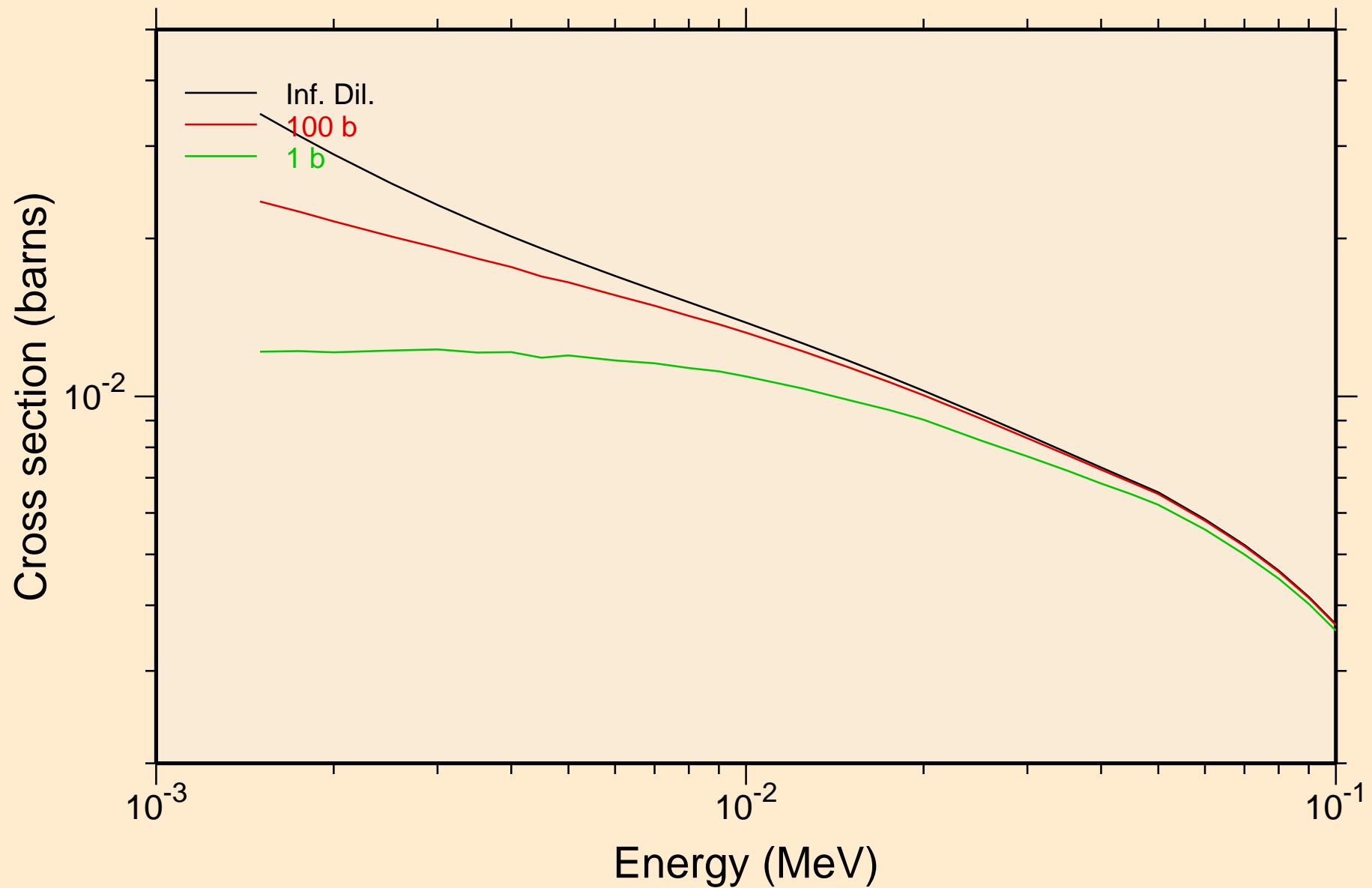
ADVANCE CALCULATIONS

UR elastic cross section



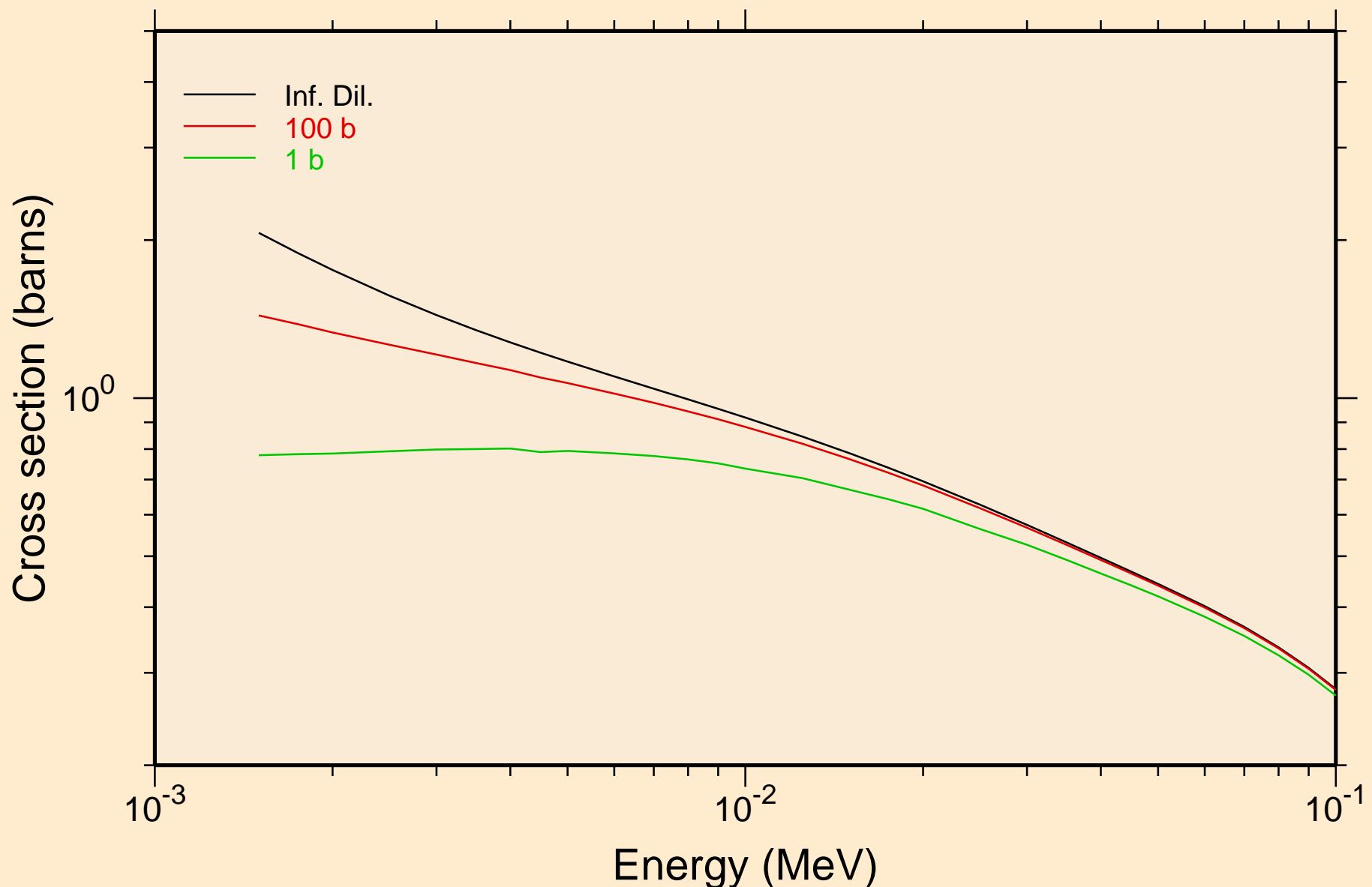
ADVANCE CALCULATIONS

UR fission cross section



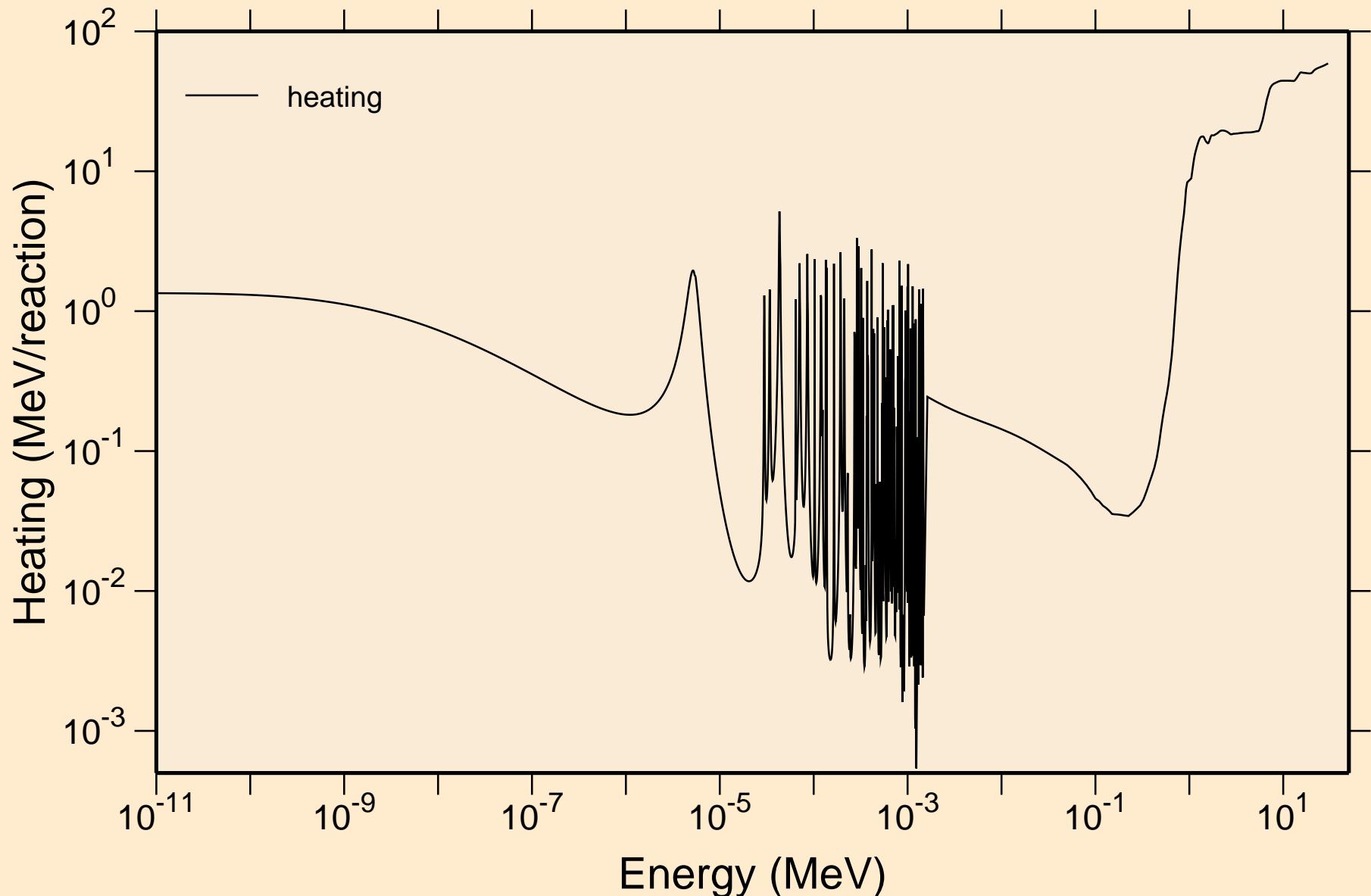
ADVANCE CALCULATIONS

UR capture cross section



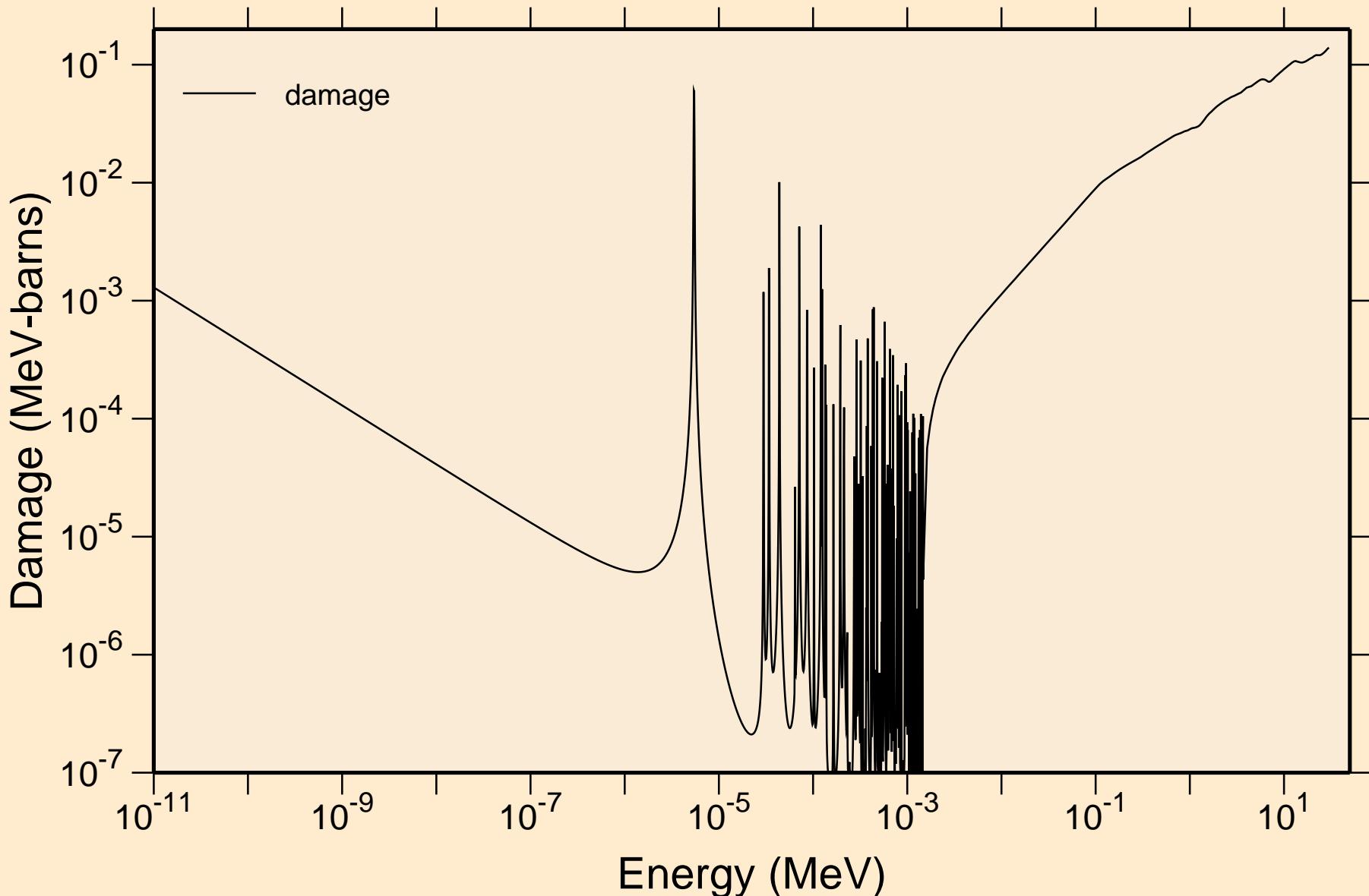
ADVANCE CALCULATIONS

Heating



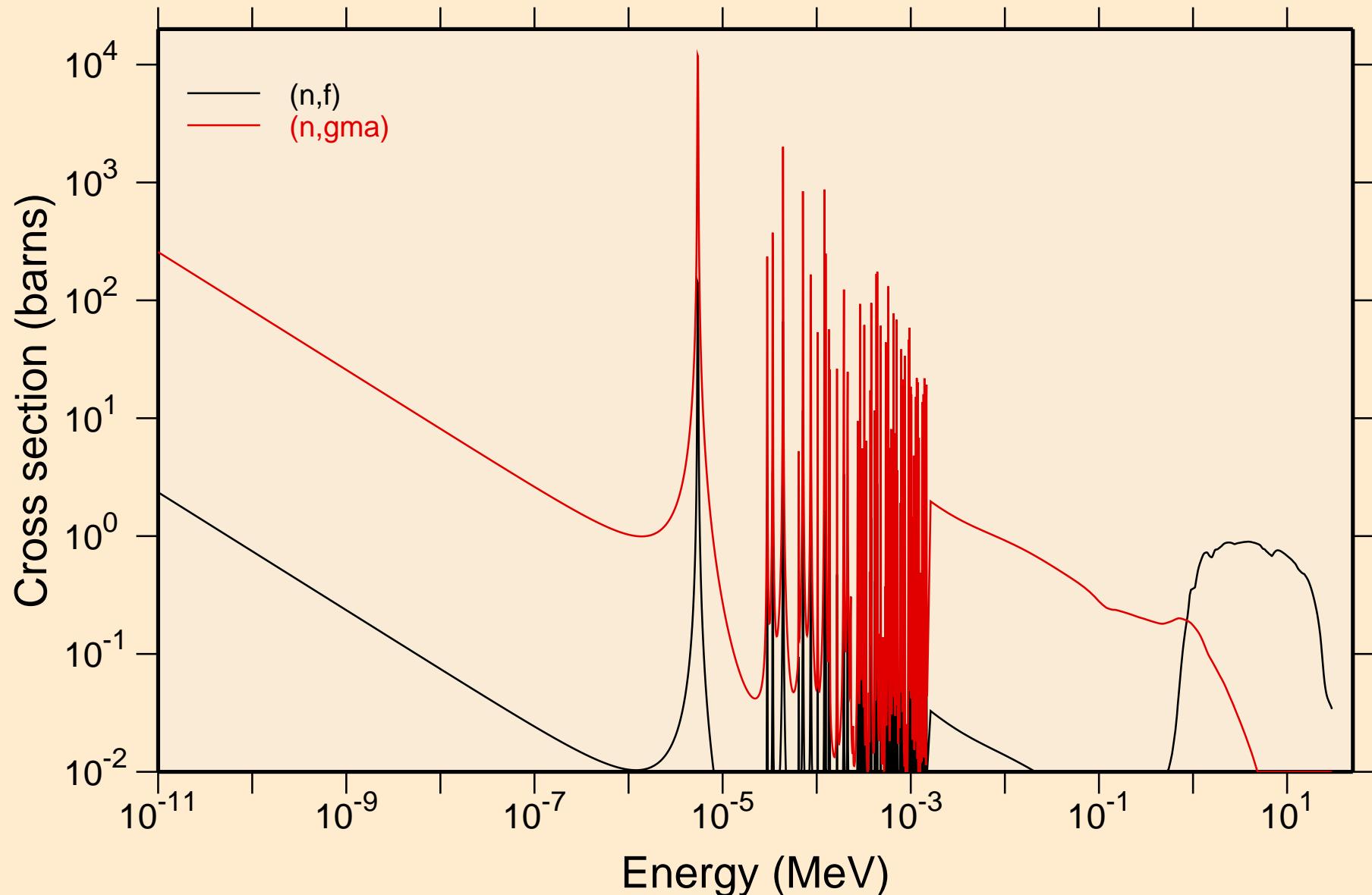
ADVANCE CALCULATIONS

Damage



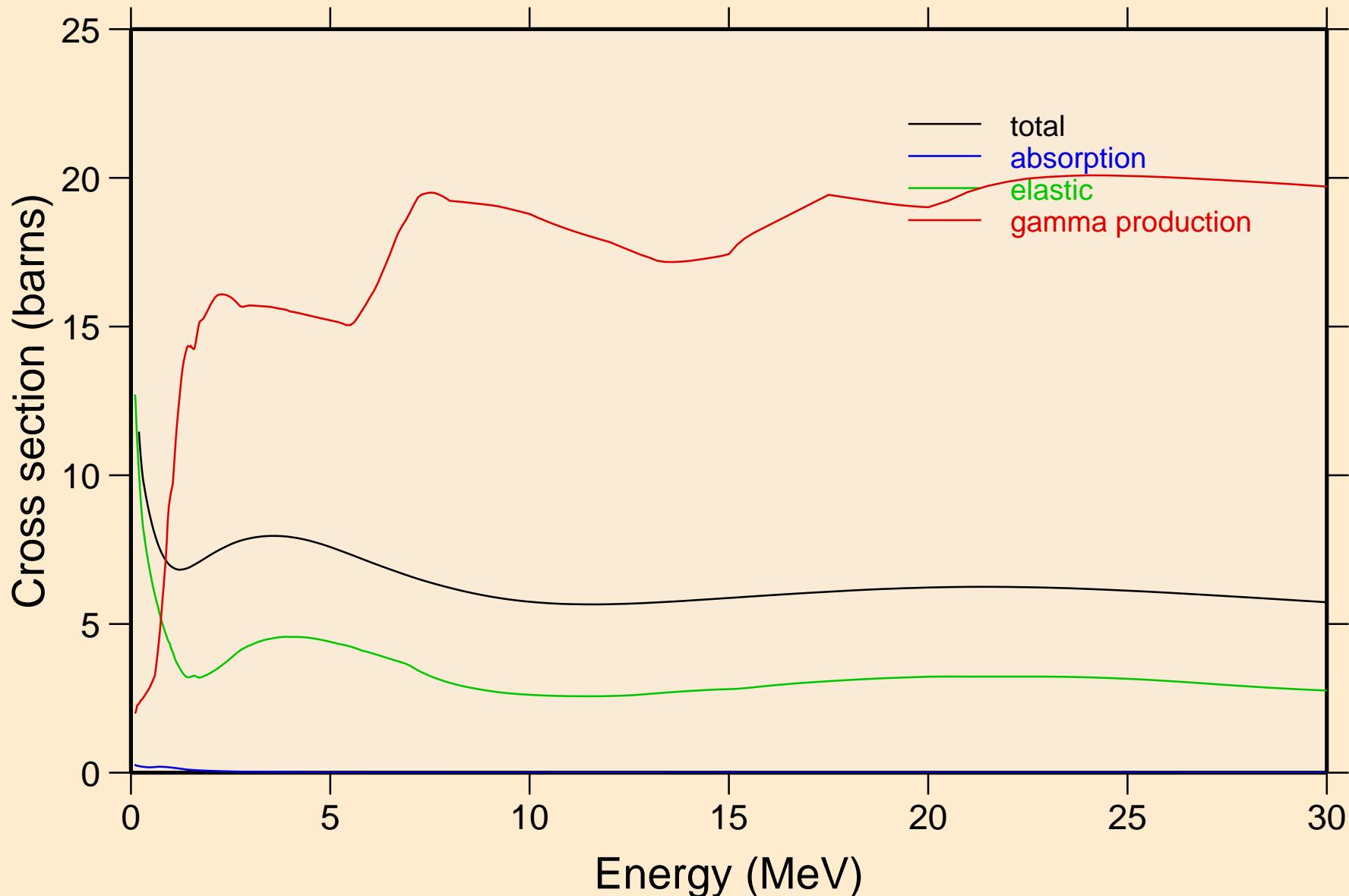
ADVANCE CALCULATIONS

Non-threshold reactions



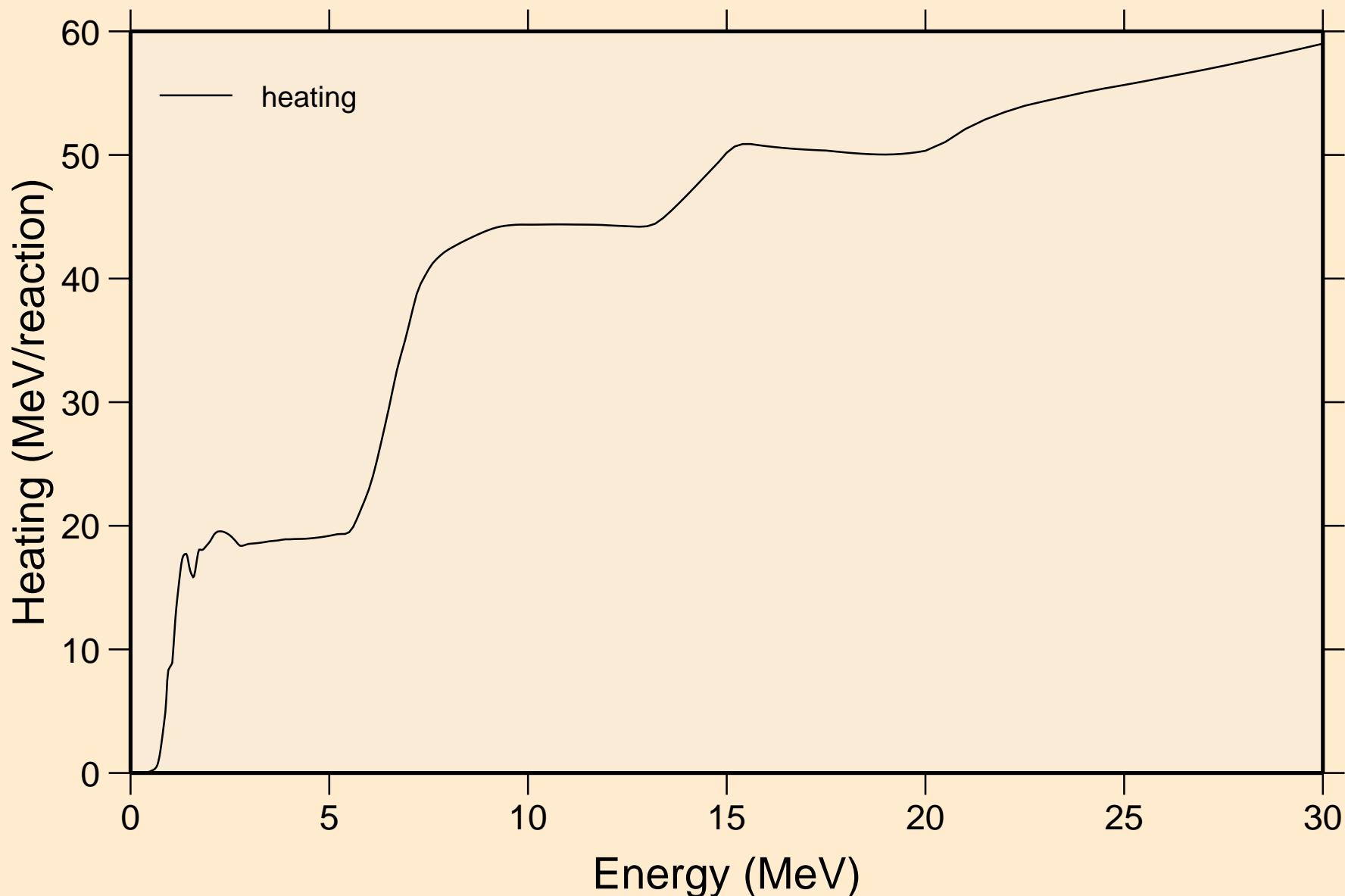
ADVANCE CALCULATIONS

Principal cross sections



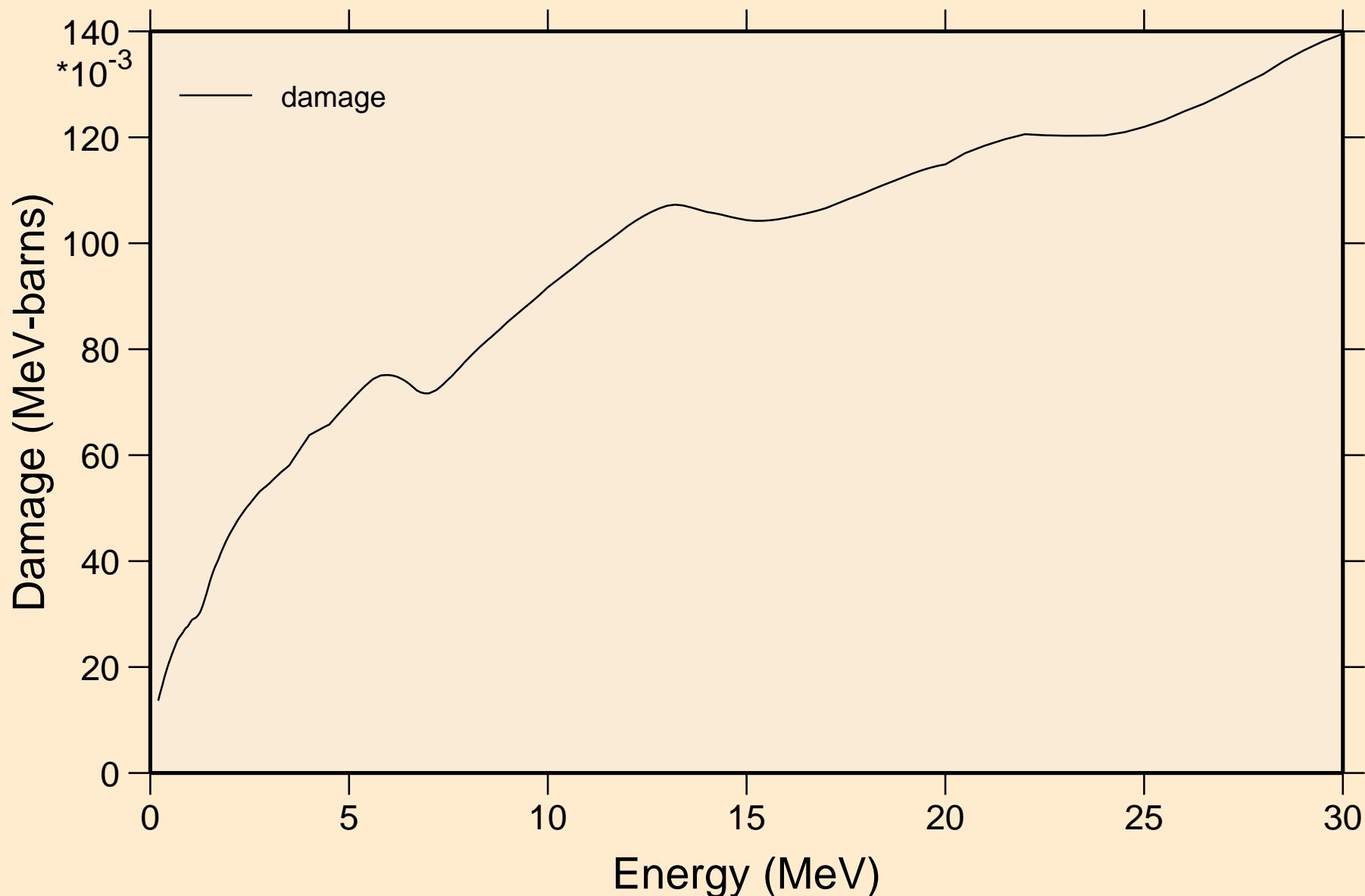
ADVANCE CALCULATIONS

Heating



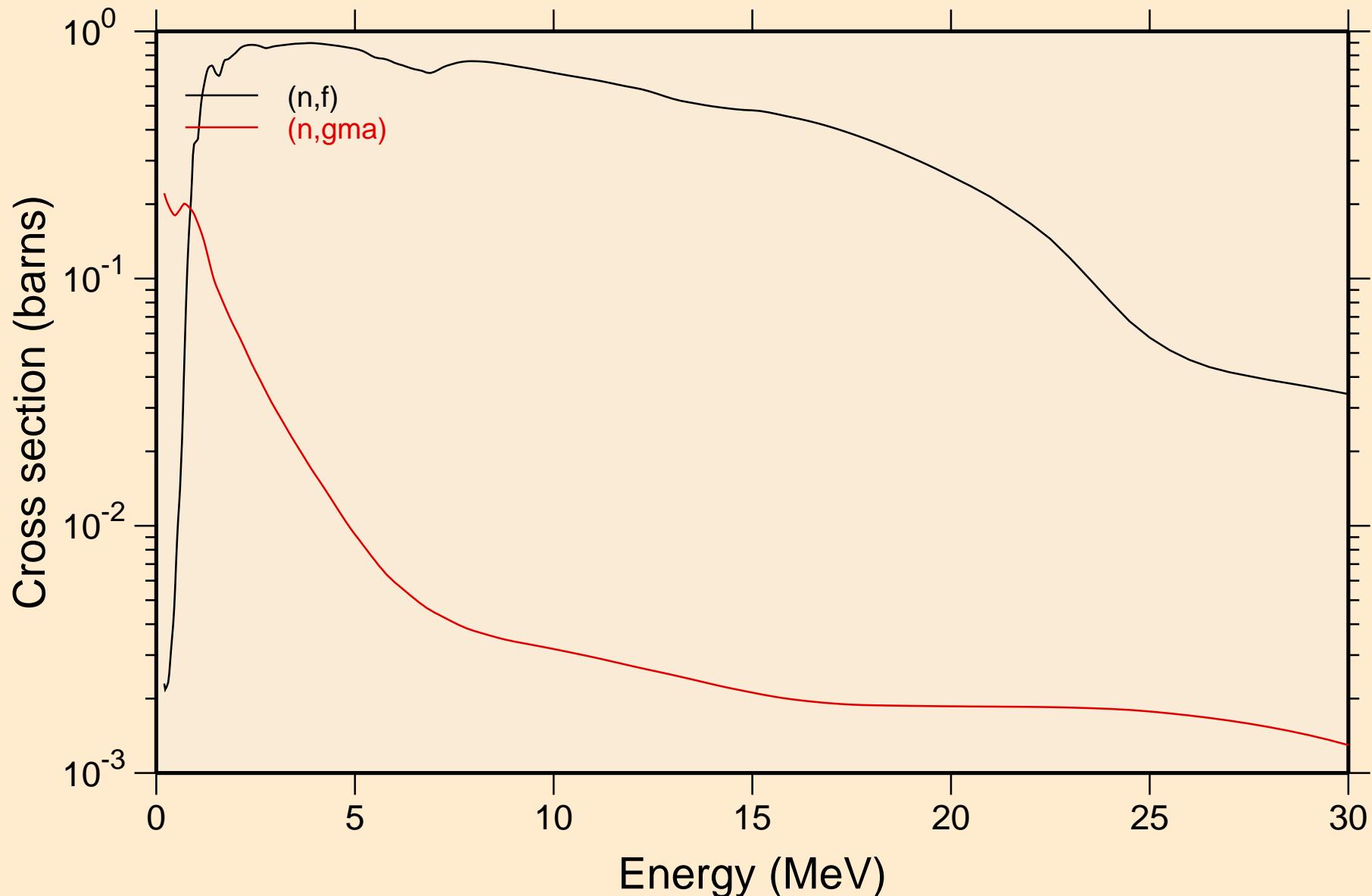
ADVANCE CALCULATIONS

Damage



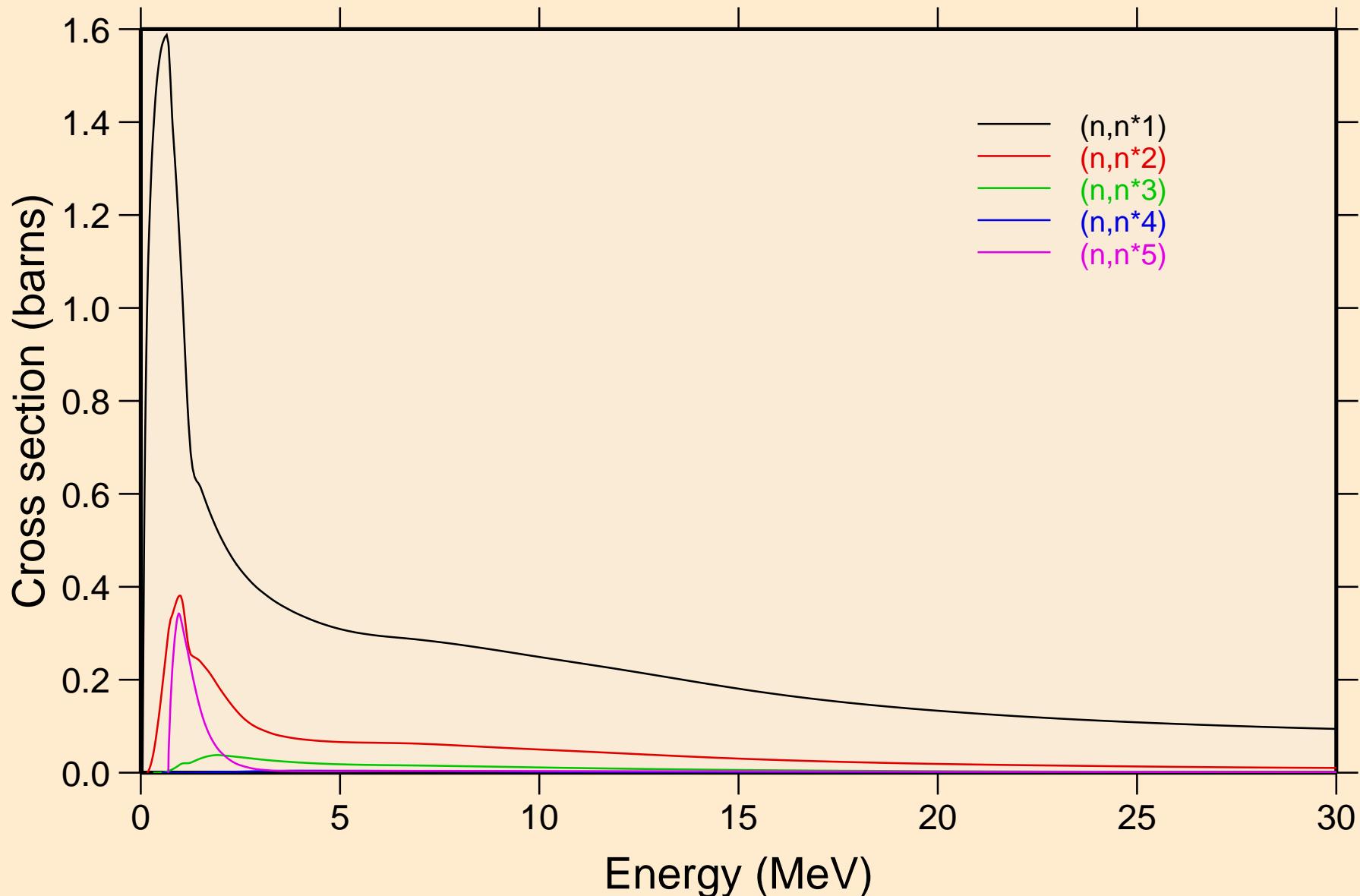
ADVANCE CALCULATIONS

Non-threshold reactions



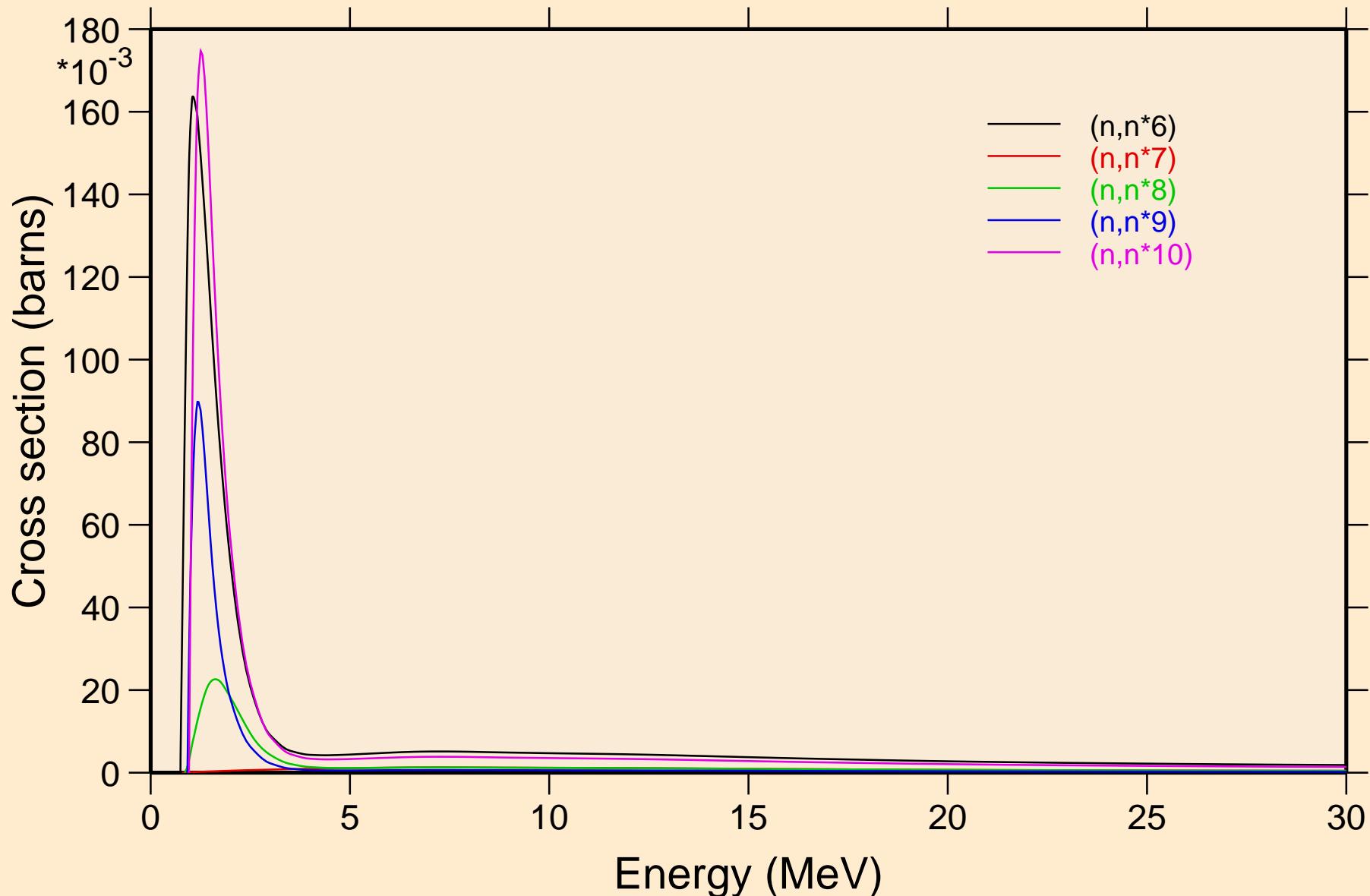
ADVANCE CALCULATIONS

Inelastic levels



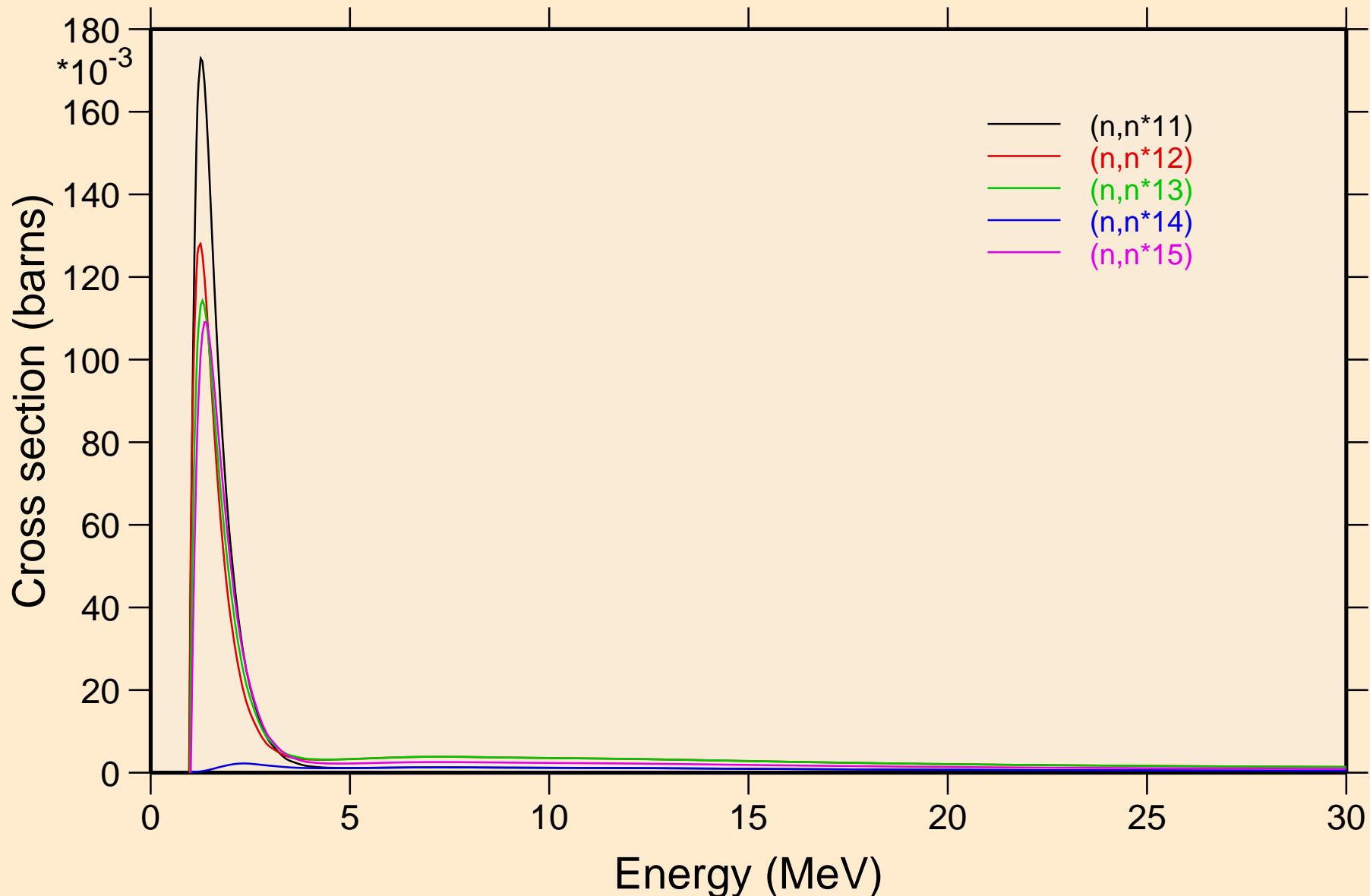
ADVANCE CALCULATIONS

Inelastic levels



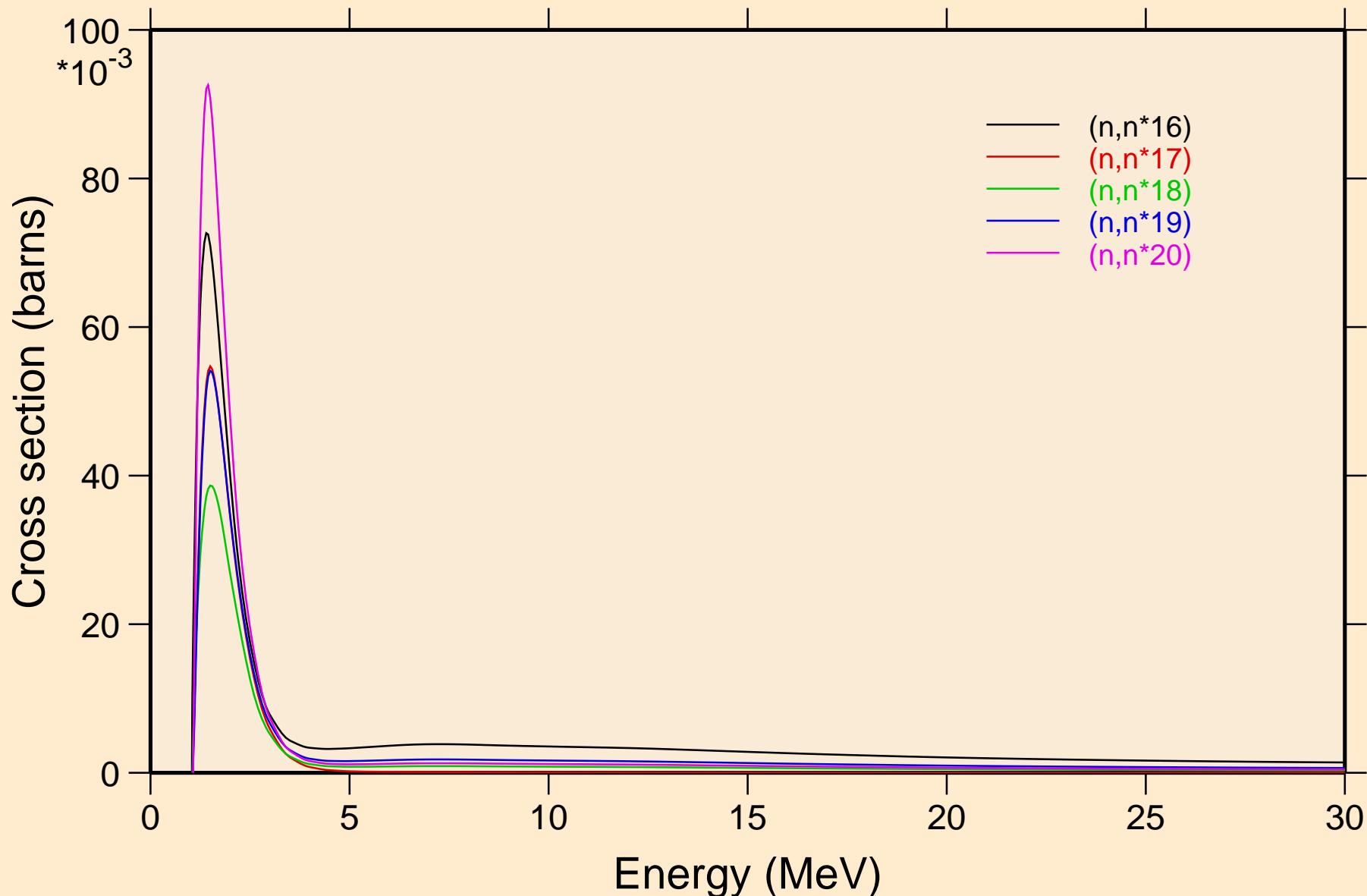
ADVANCE CALCULATIONS

Inelastic levels



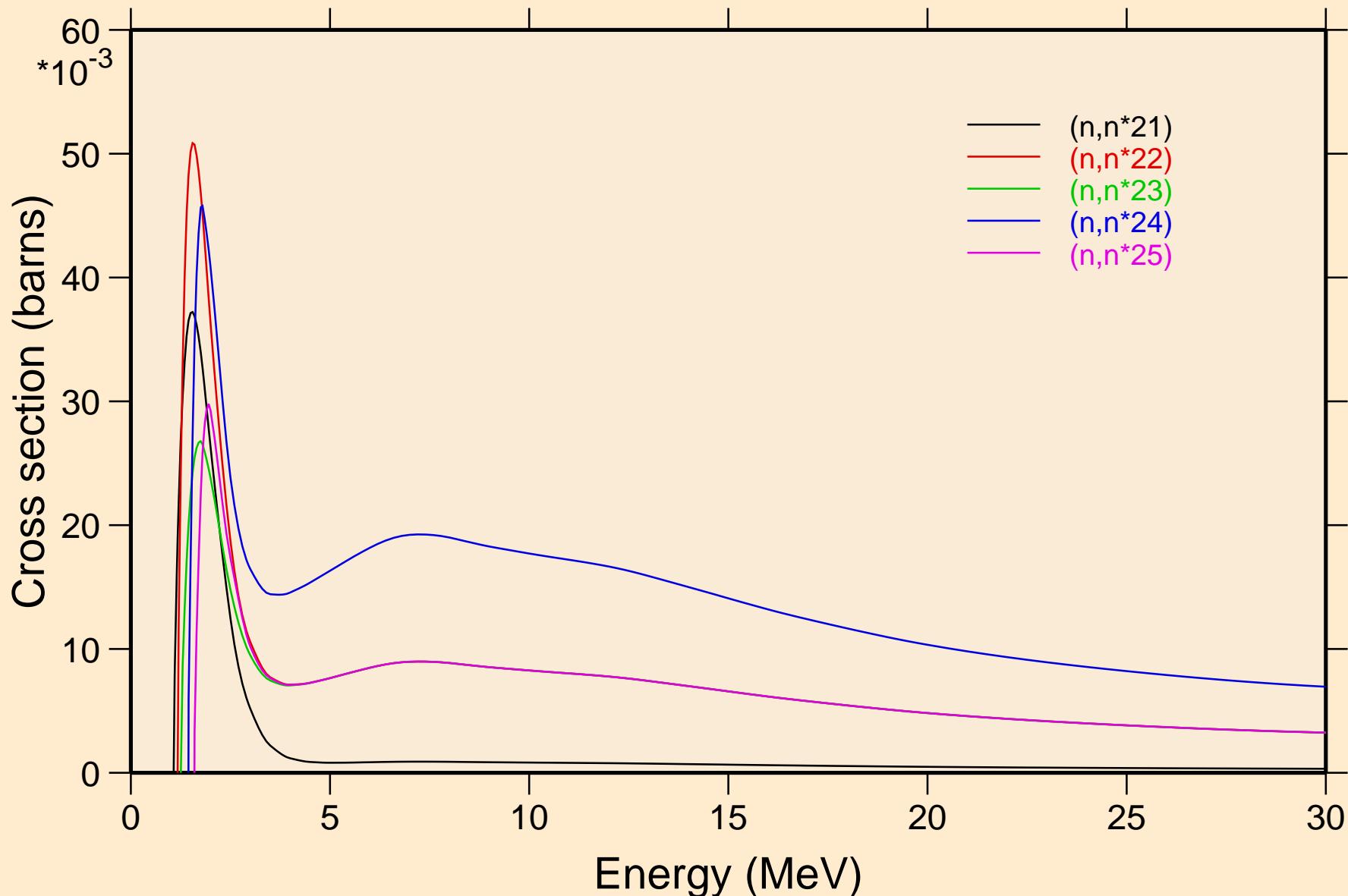
ADVANCE CALCULATIONS

Inelastic levels



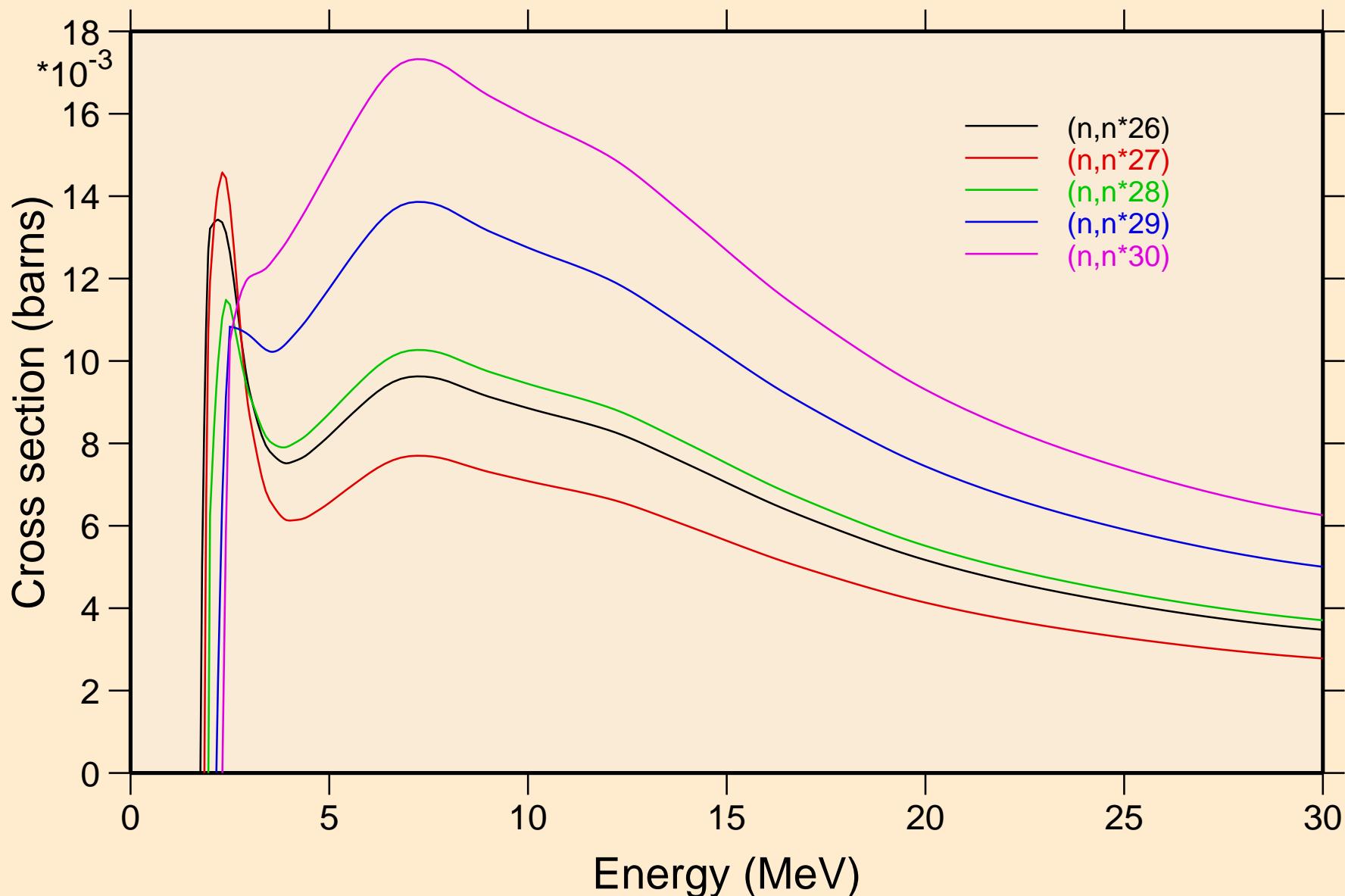
ADVANCE CALCULATIONS

Inelastic levels



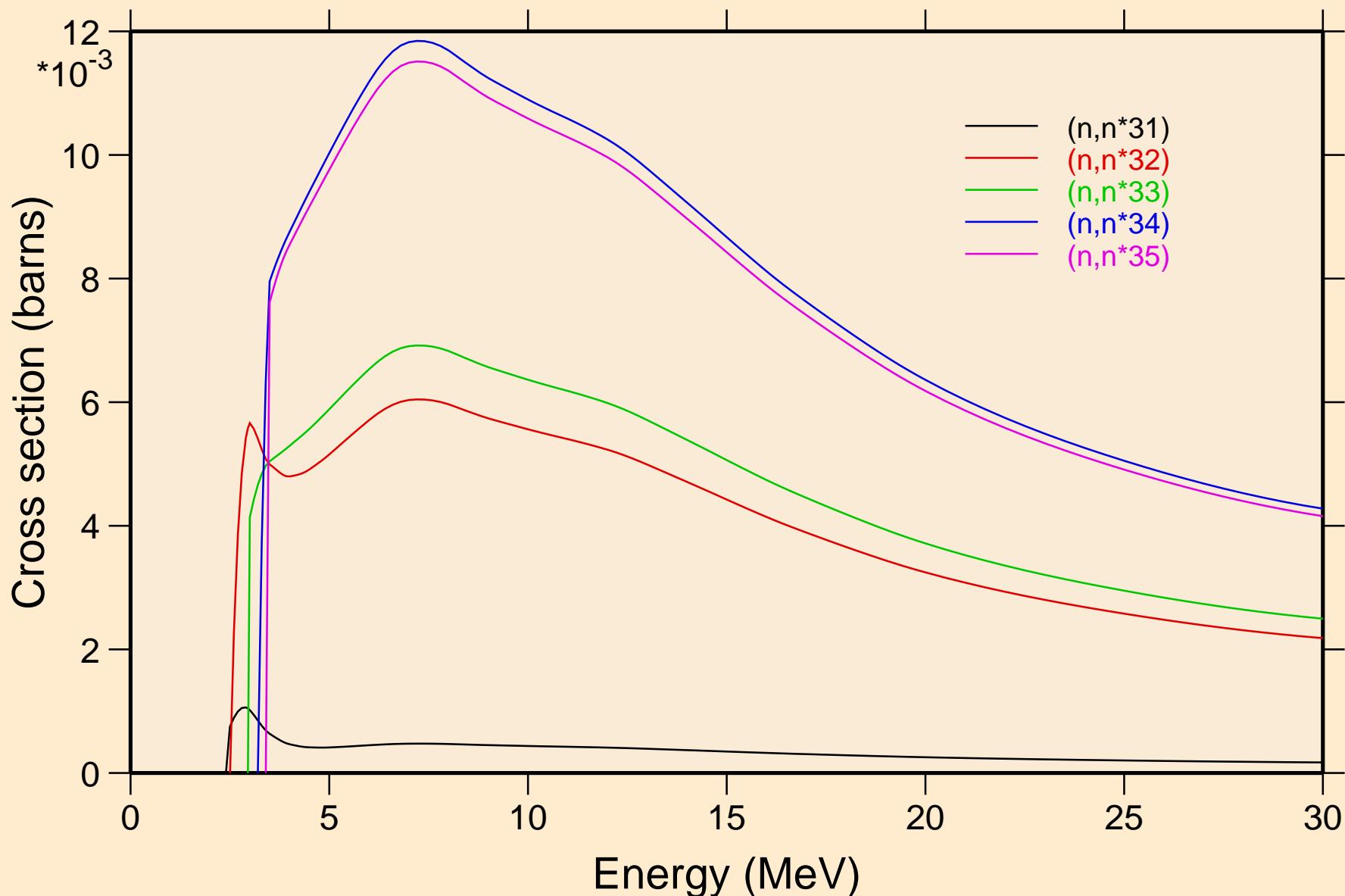
ADVANCE CALCULATIONS

Inelastic levels



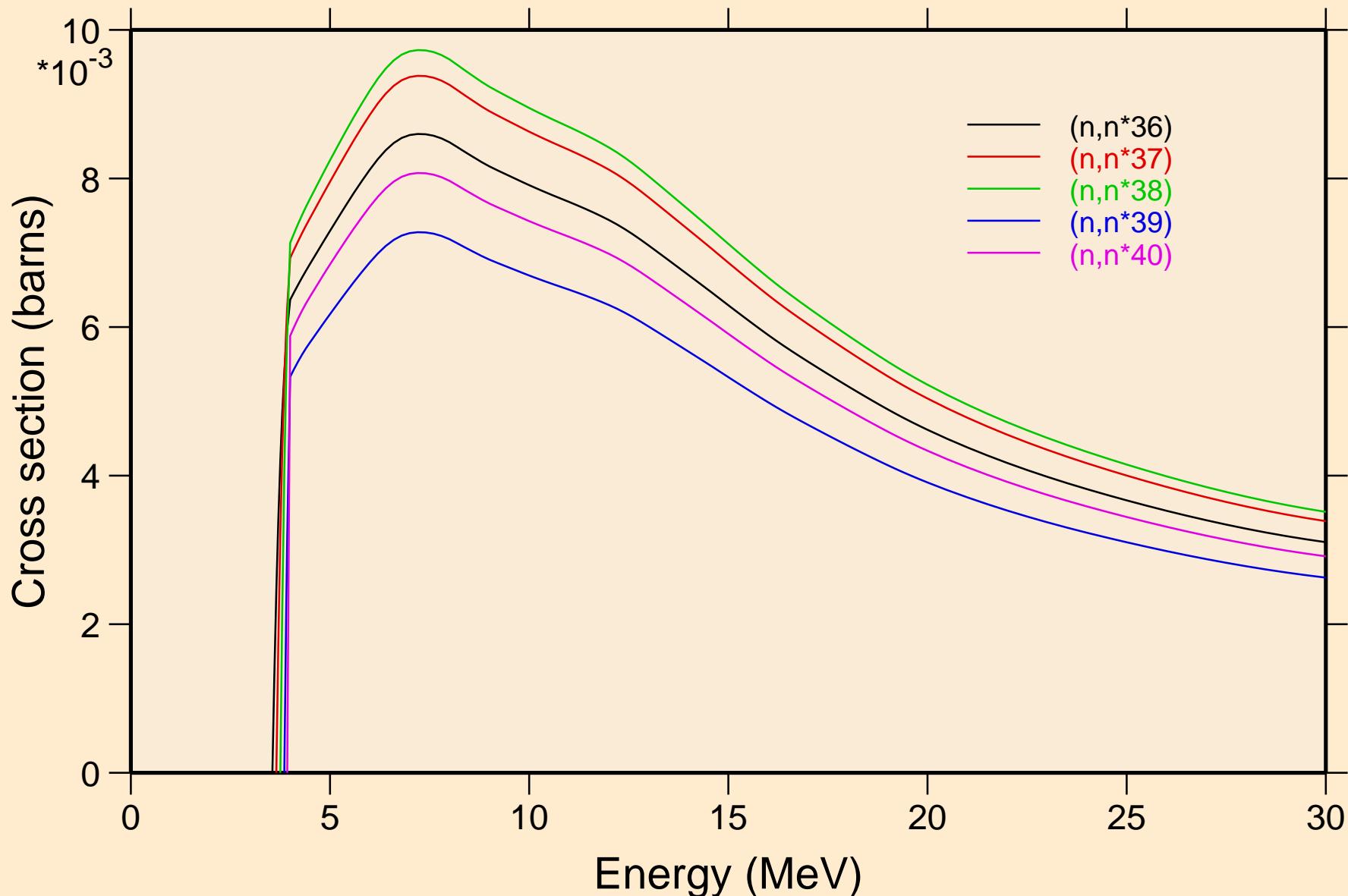
ADVANCE CALCULATIONS

Inelastic levels



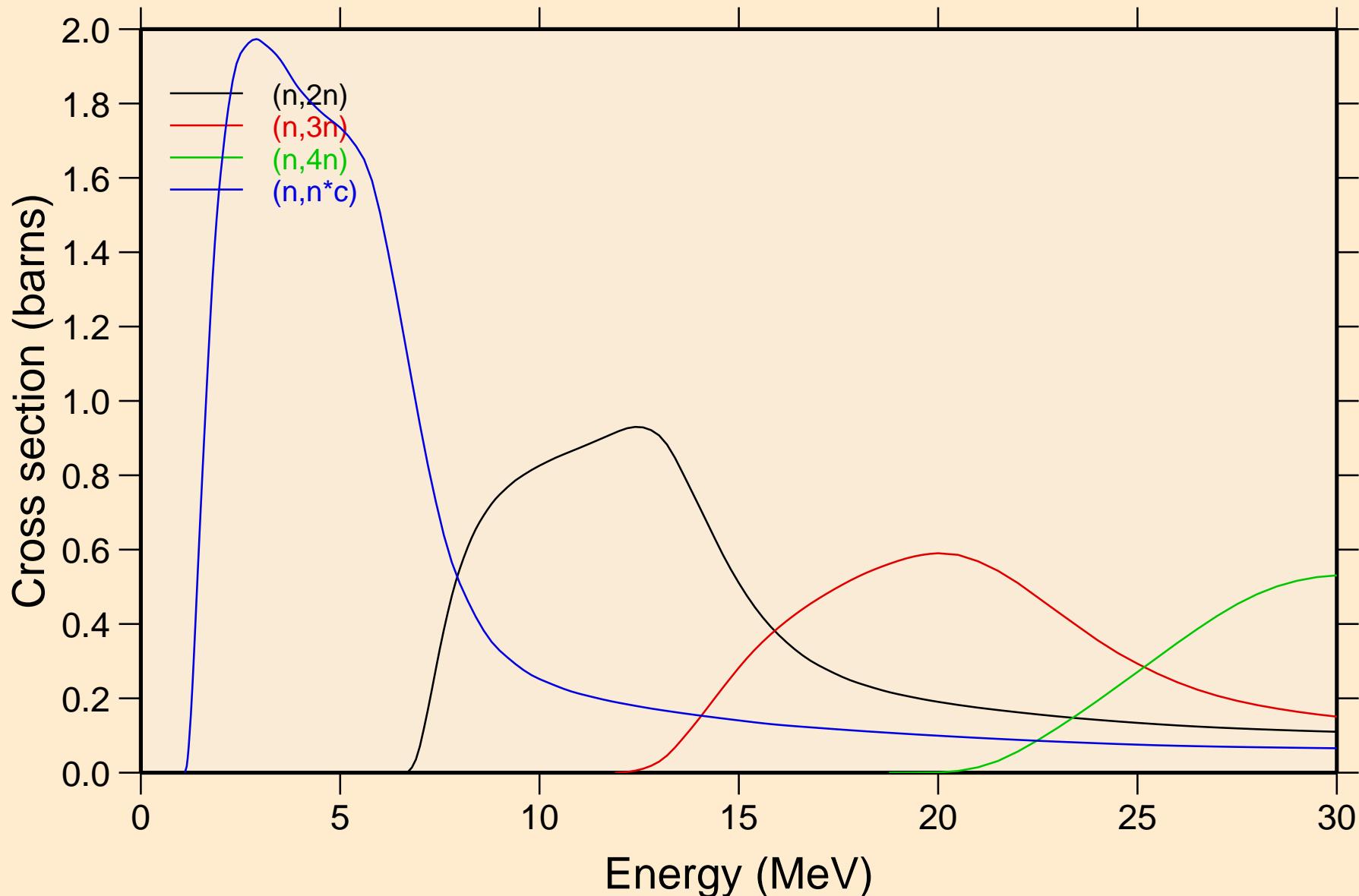
ADVANCE CALCULATIONS

Inelastic levels



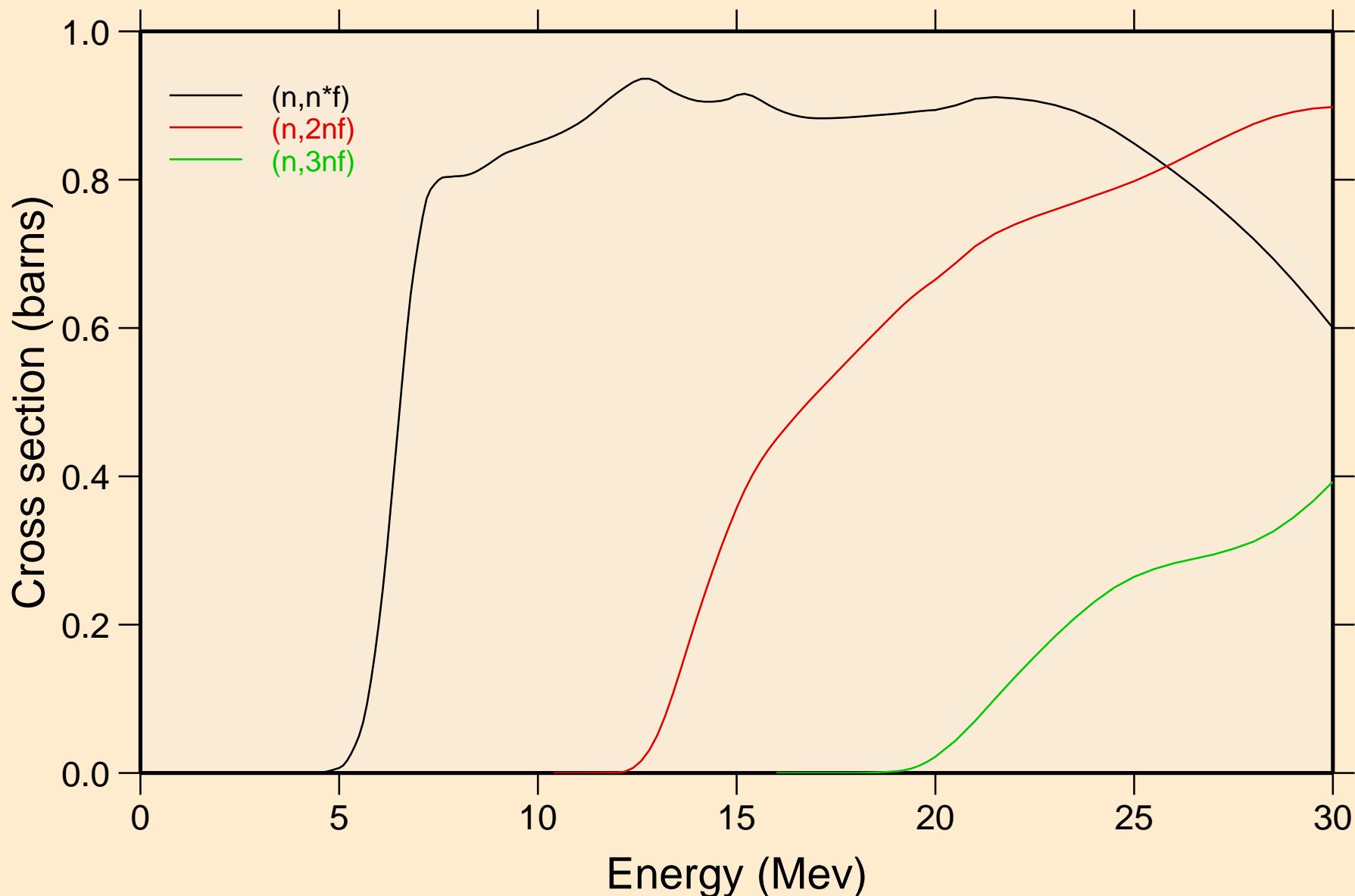
ADVANCE CALCULATIONS

Threshold reactions



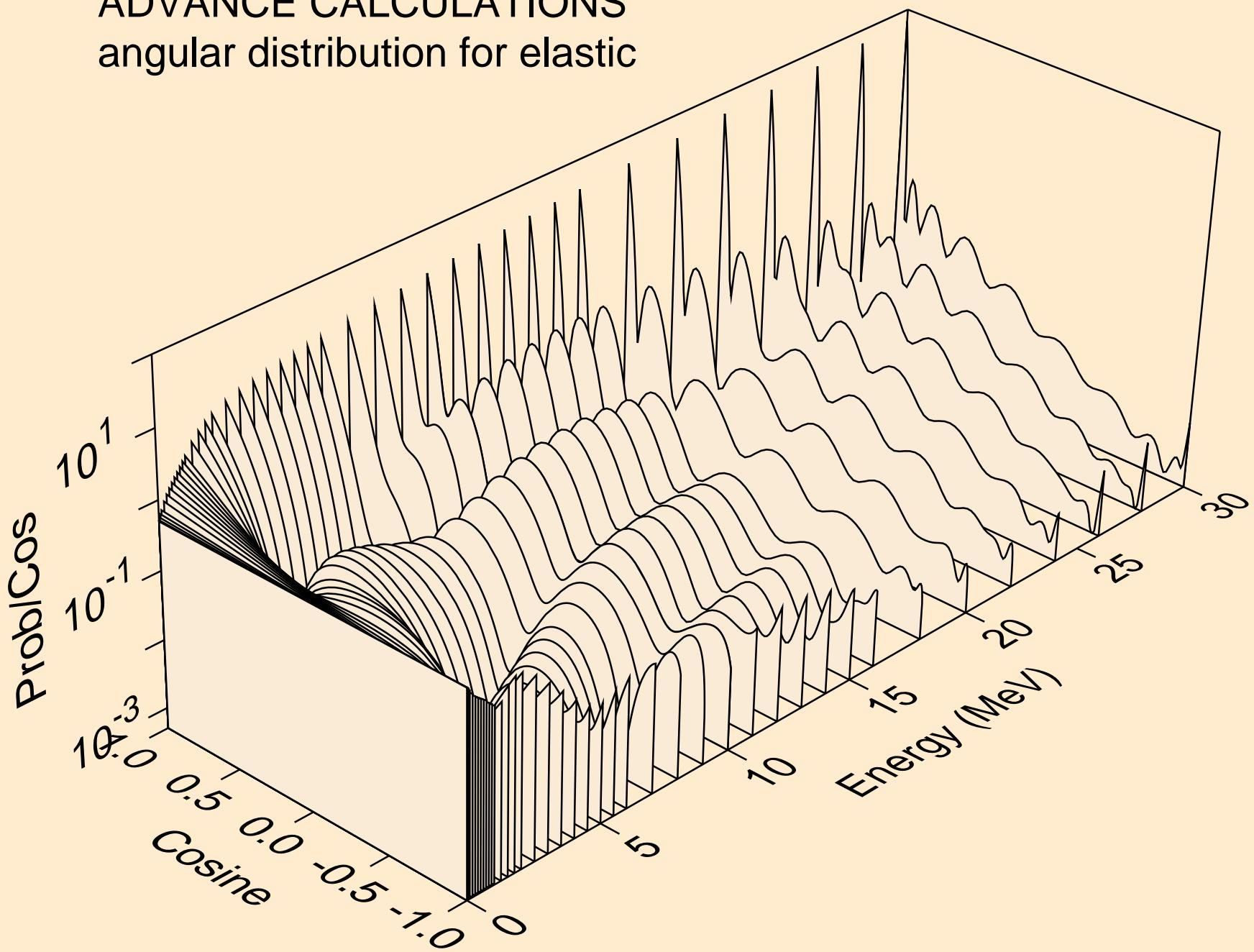
ADVANCE CALCULATIONS

High-order fission reactions



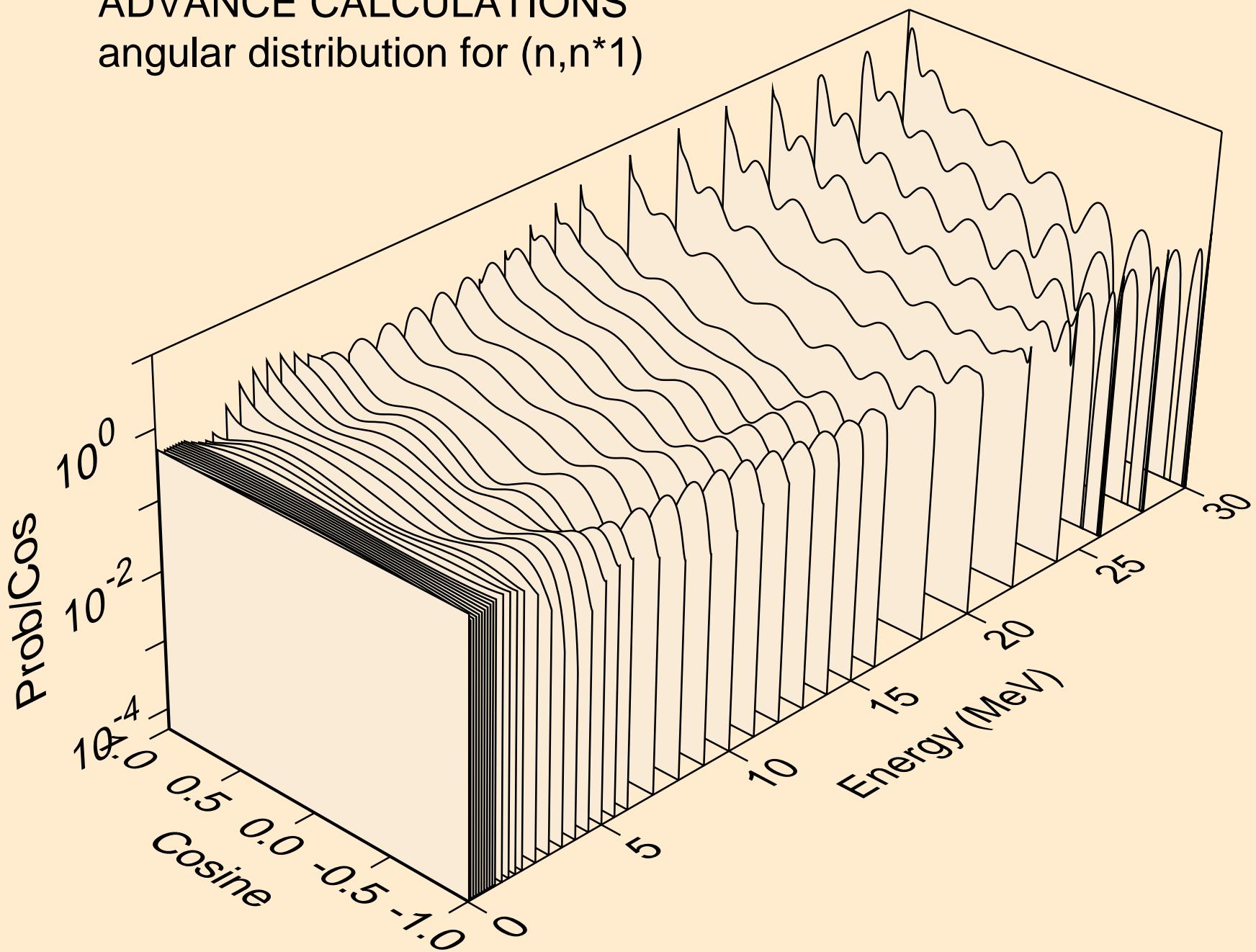
ADVANCE CALCULATIONS

angular distribution for elastic



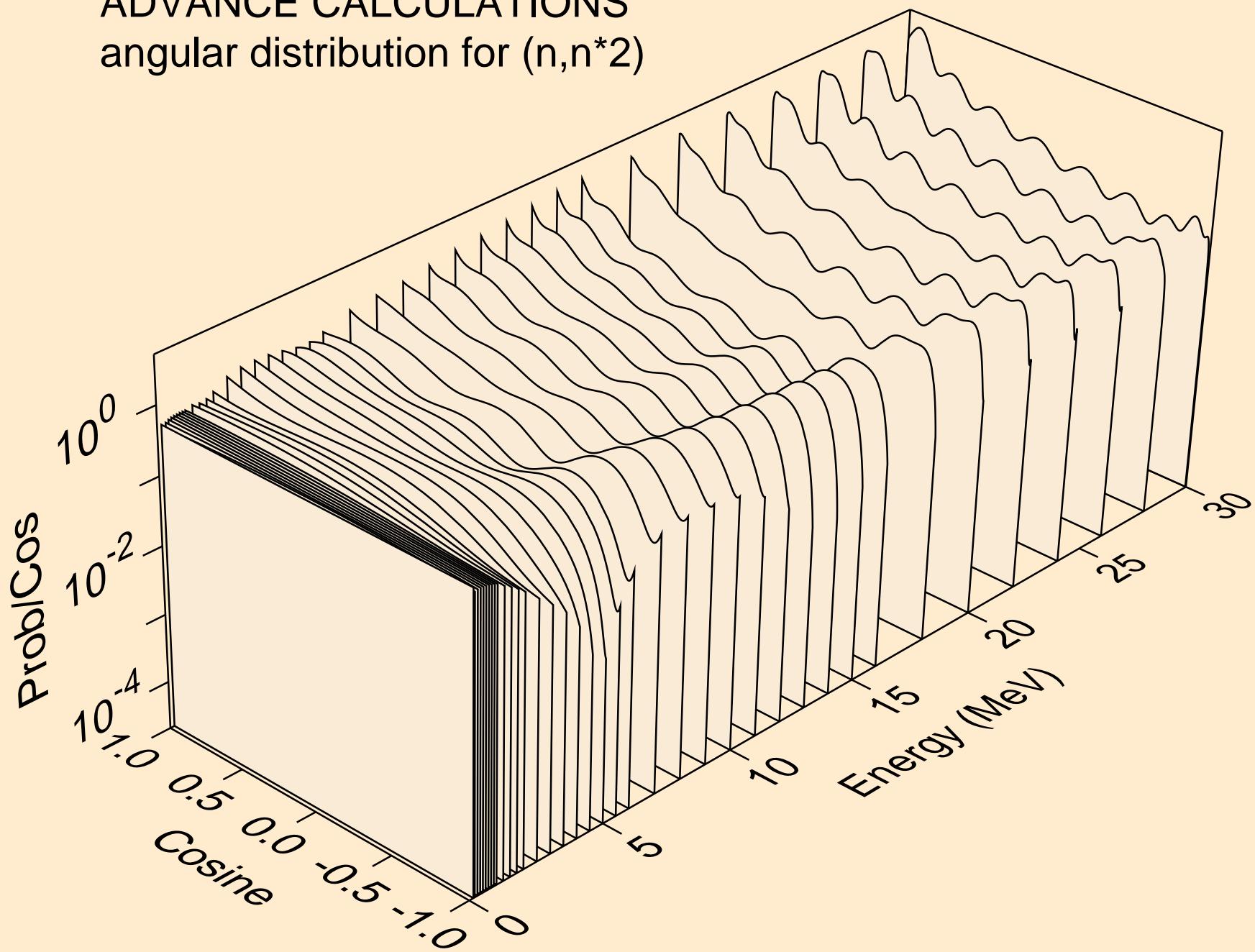
ADVANCE CALCULATIONS

angular distribution for (n,n^*)



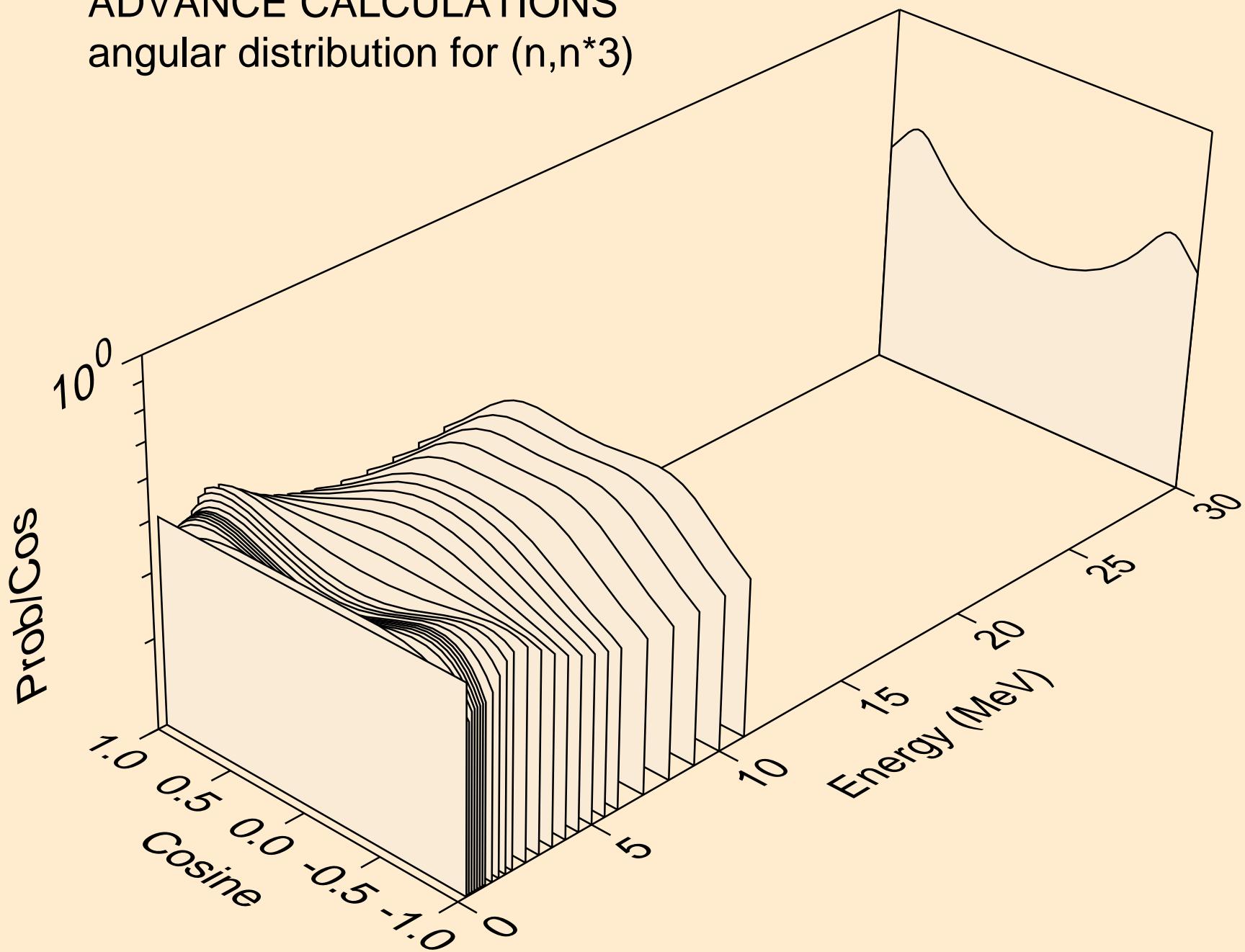
ADVANCE CALCULATIONS

angular distribution for (n,n^*)



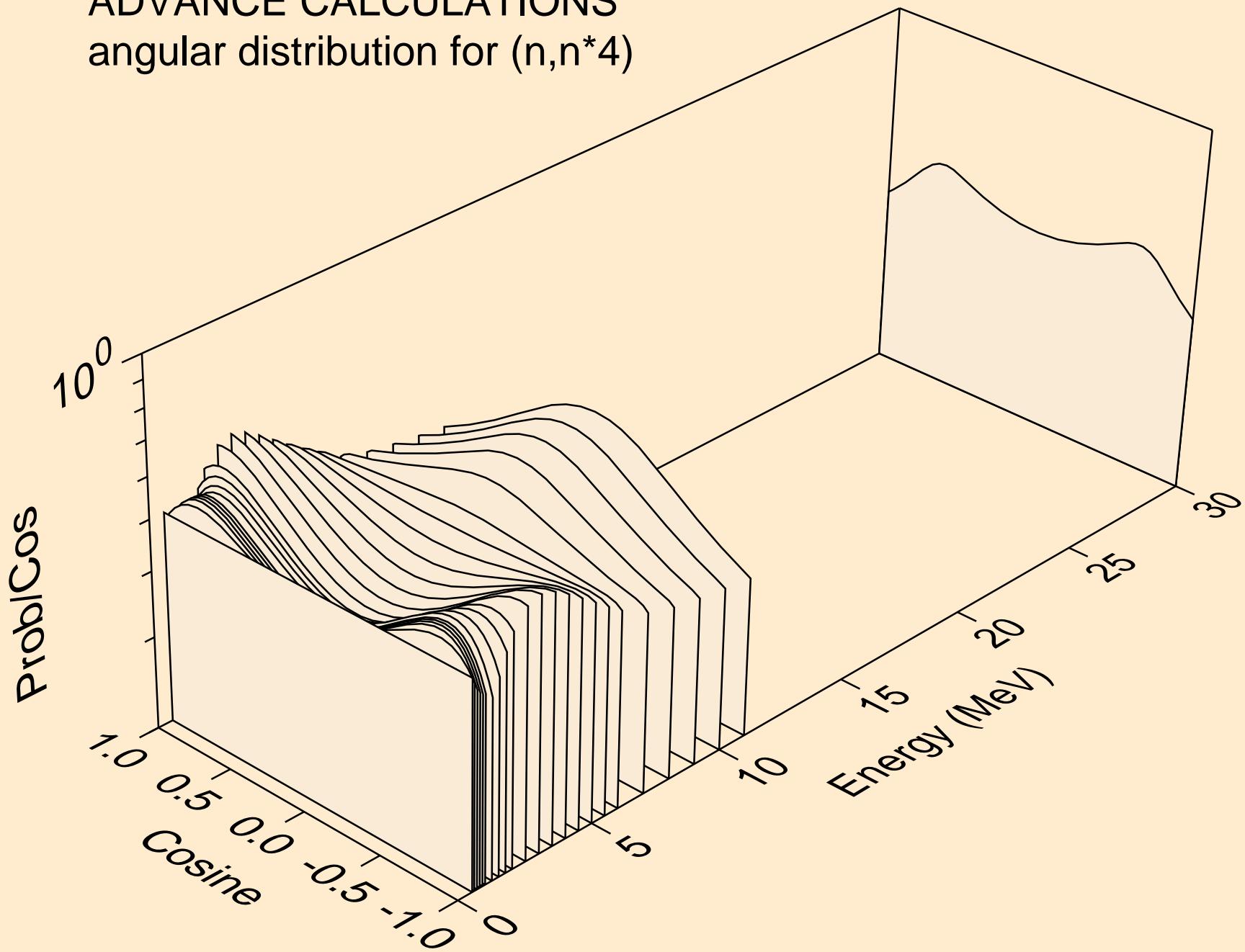
ADVANCE CALCULATIONS

angular distribution for (n,n^*3)



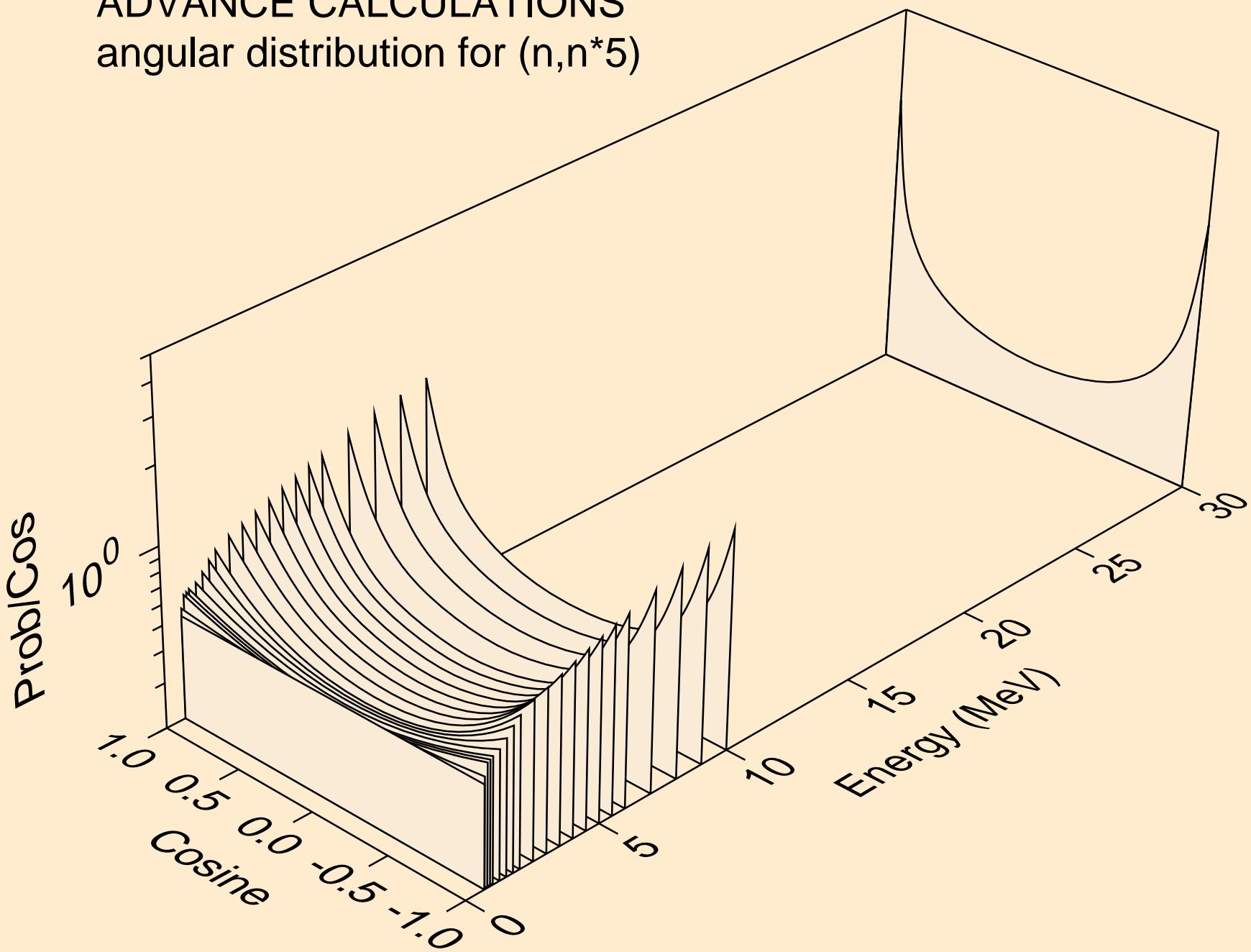
ADVANCE CALCULATIONS

angular distribution for (n,n^*4)



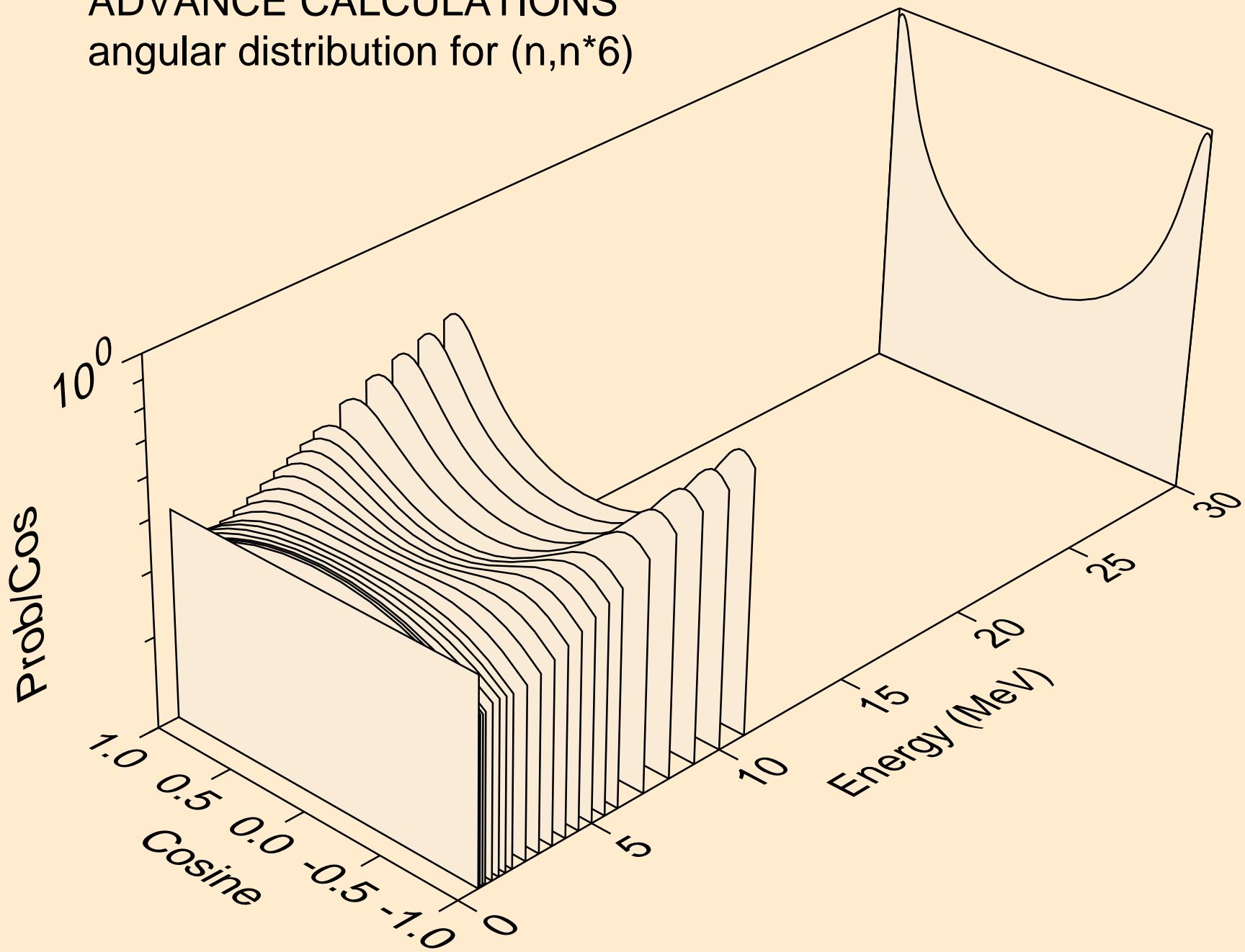
ADVANCE CALCULATIONS

angular distribution for (n,n^*)



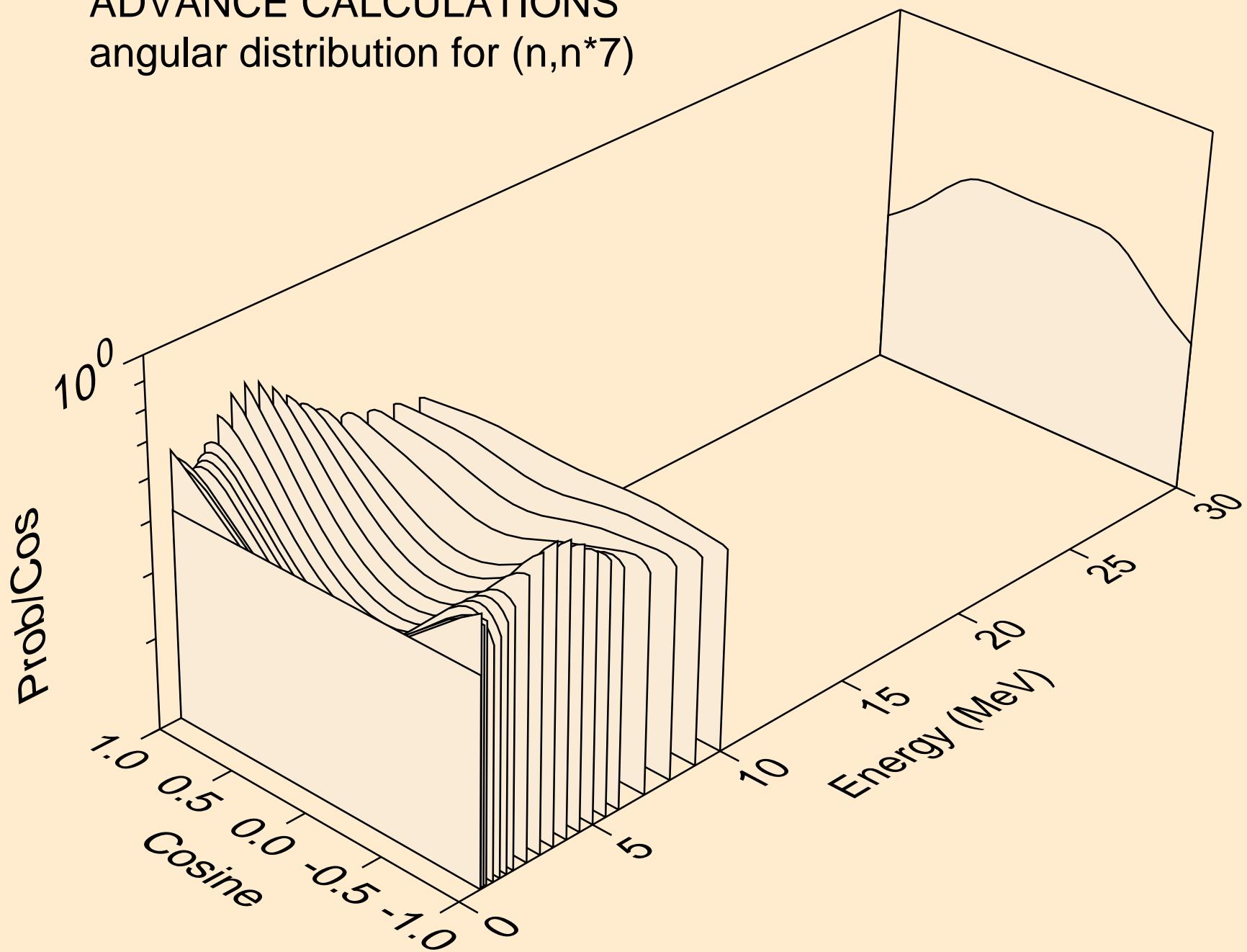
ADVANCE CALCULATIONS

angular distribution for (n,n^*6)



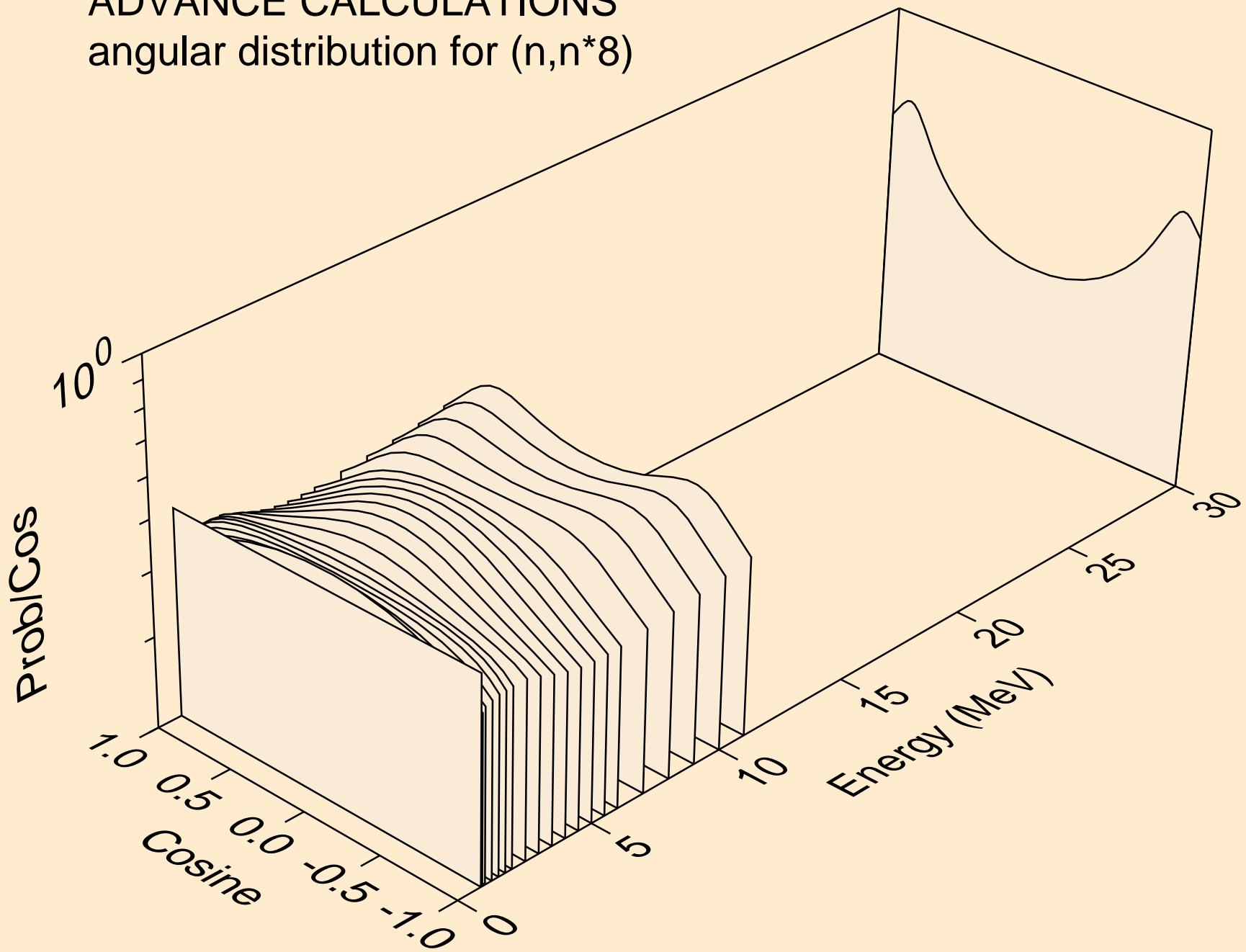
ADVANCE CALCULATIONS

angular distribution for $(n,n^*)^7$



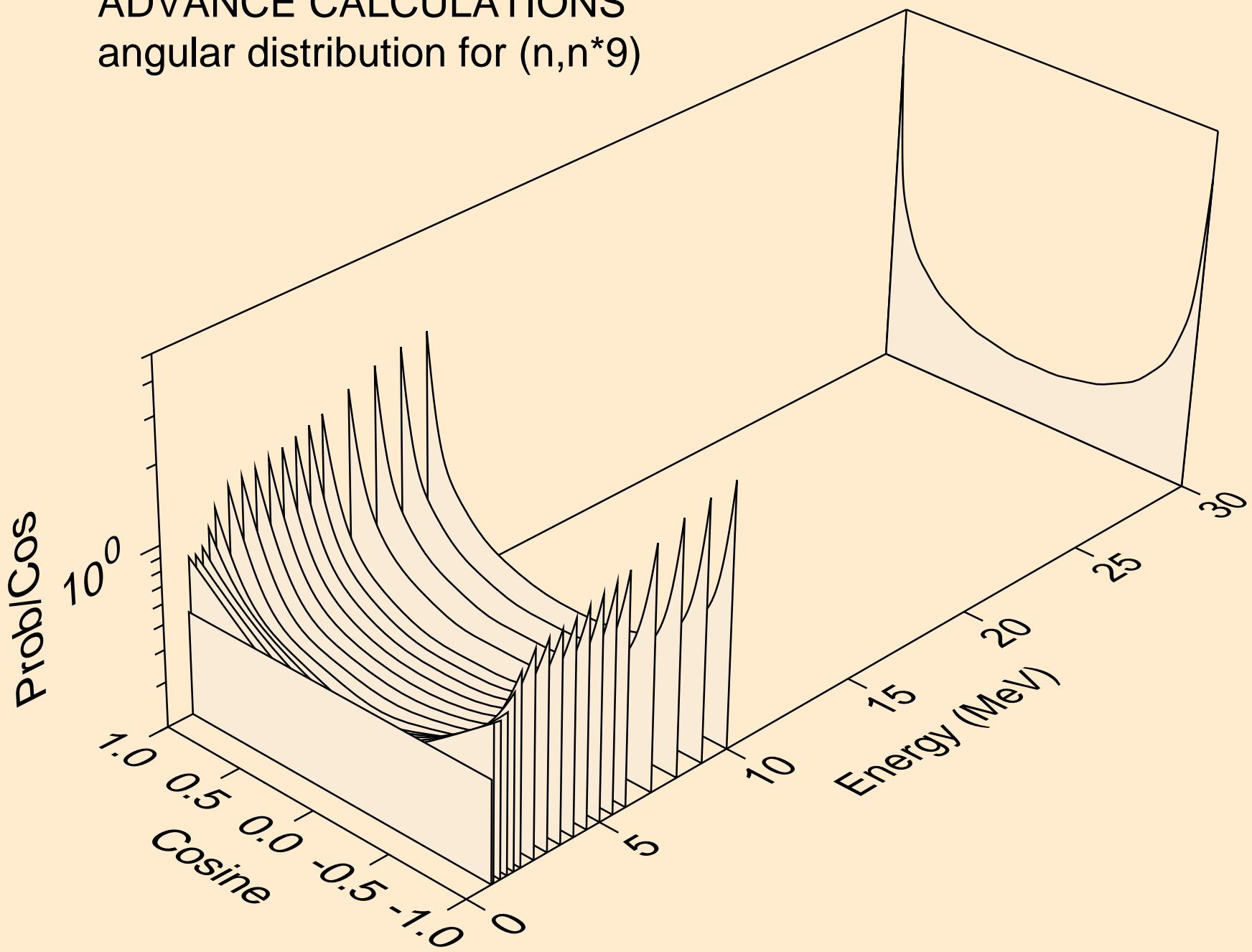
ADVANCE CALCULATIONS

angular distribution for $(n,n^*)^8$



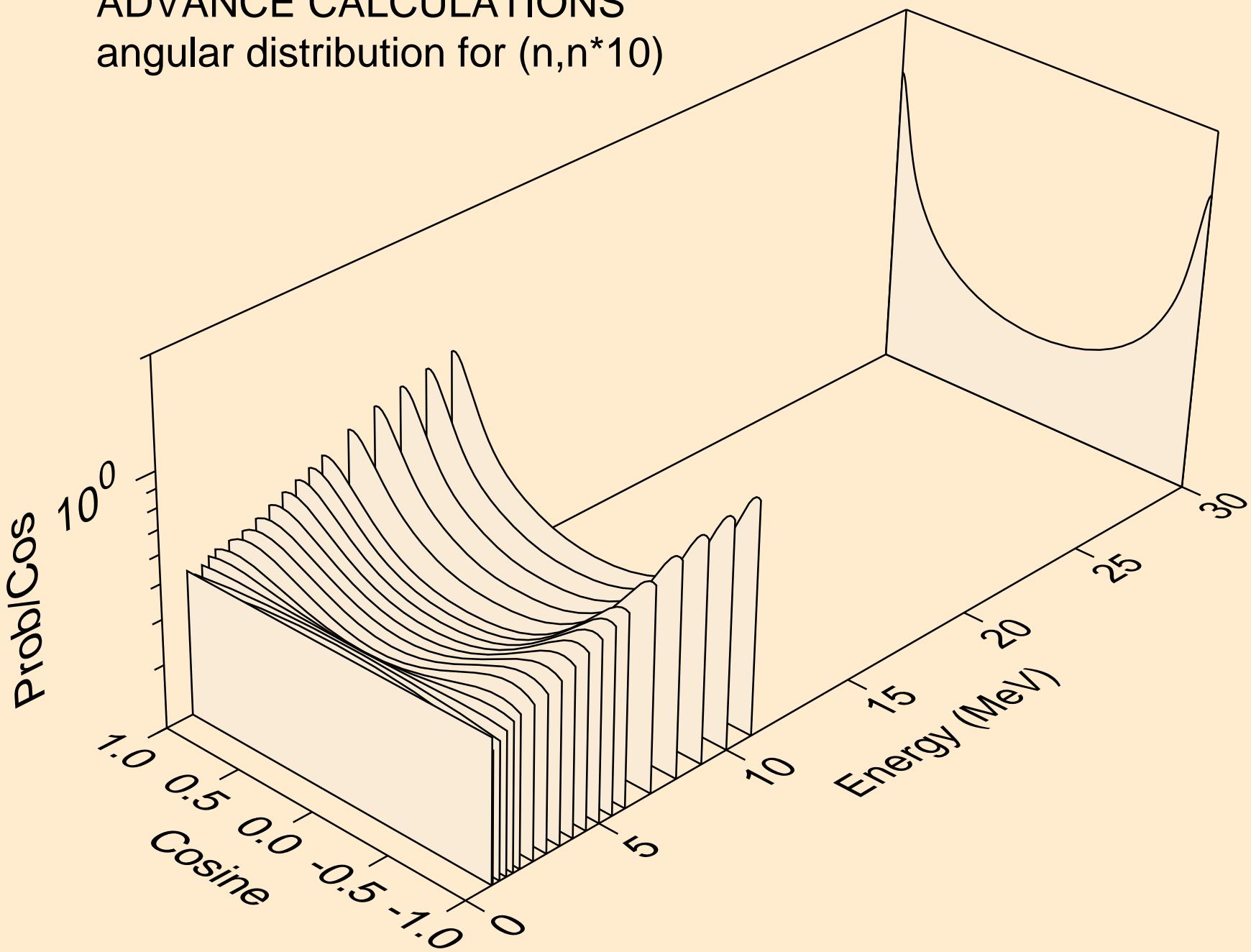
ADVANCE CALCULATIONS

angular distribution for (n,n^*)



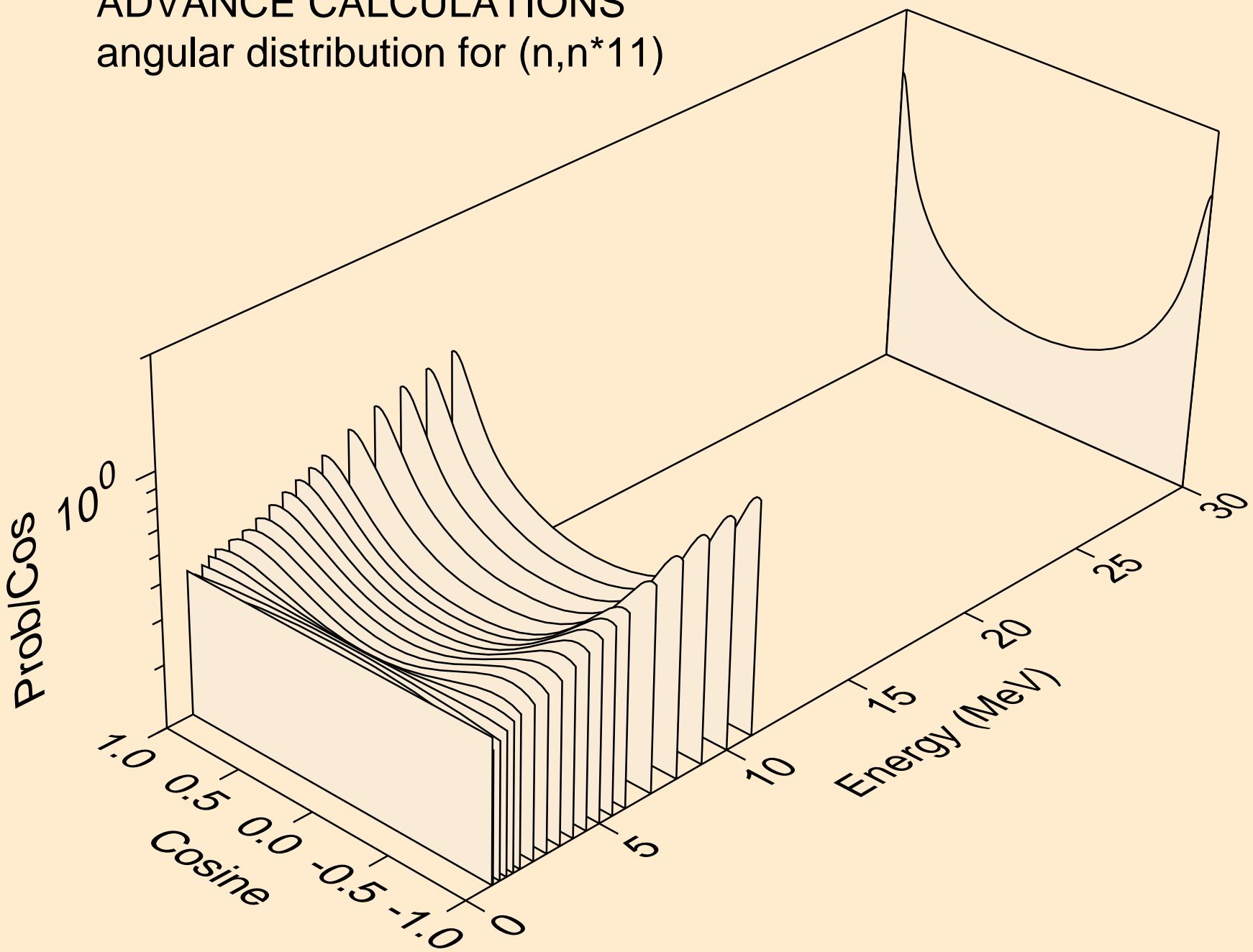
ADVANCE CALCULATIONS

angular distribution for (n,n*10)



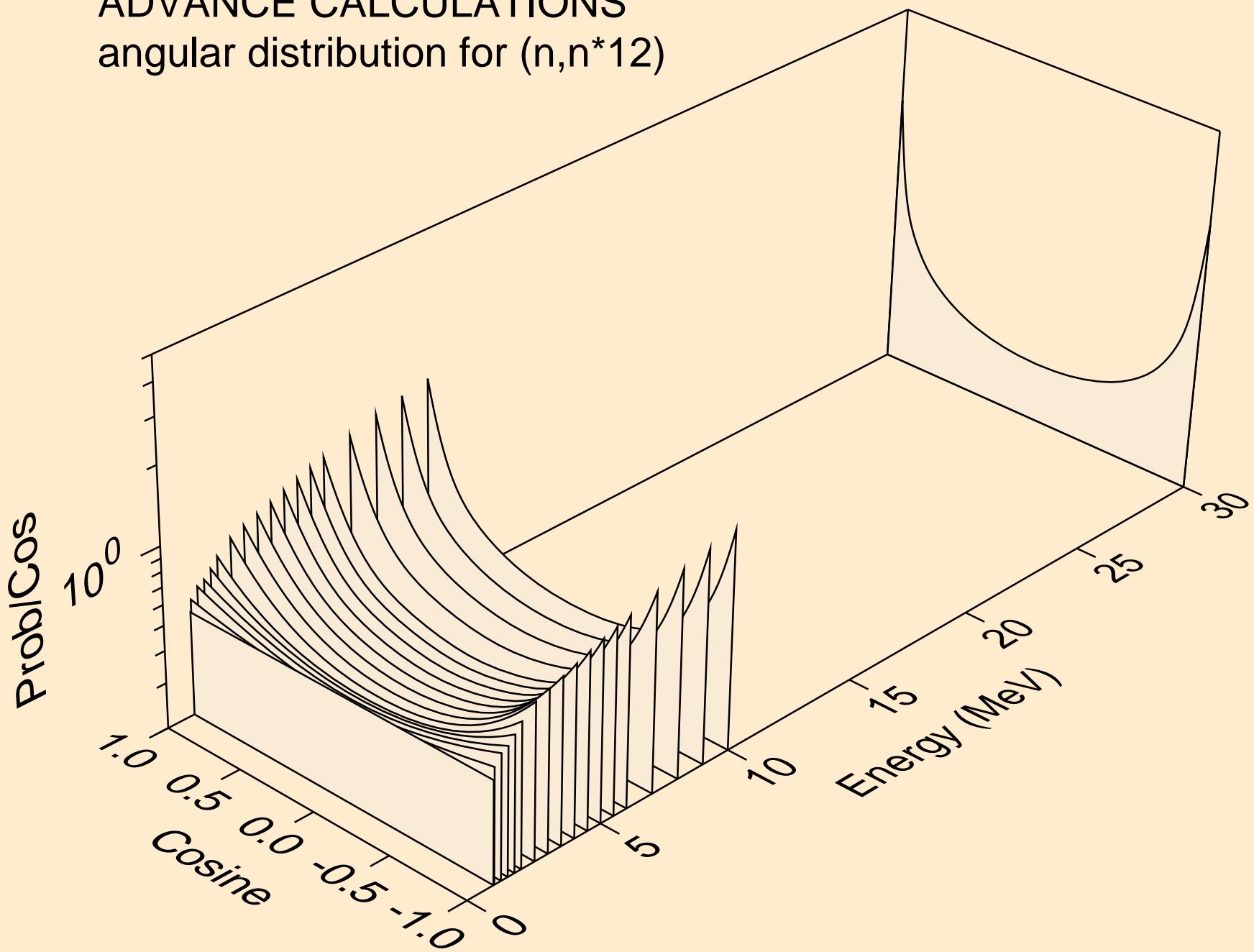
ADVANCE CALCULATIONS

angular distribution for (n,n*11)



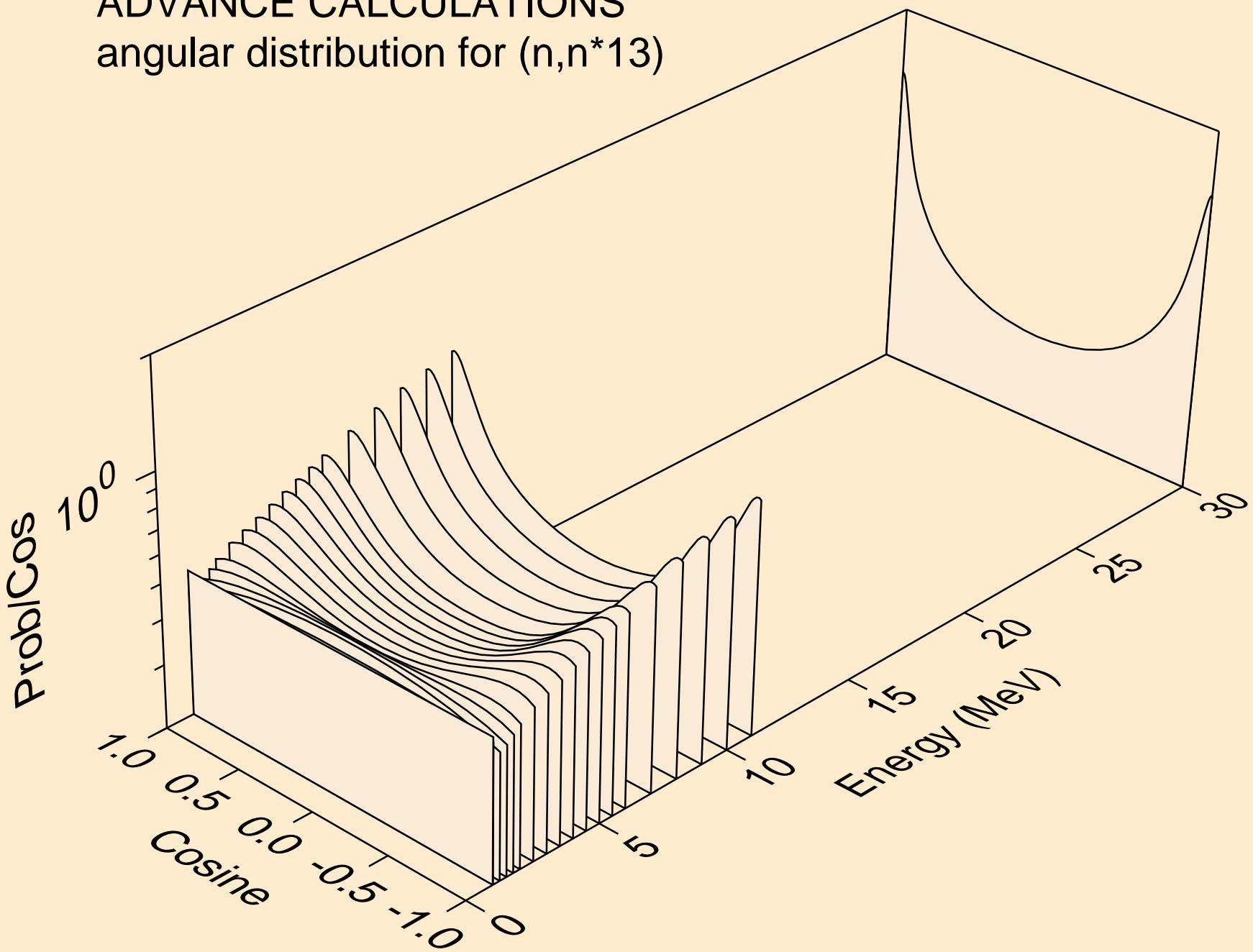
ADVANCE CALCULATIONS

angular distribution for (n,n^*12)



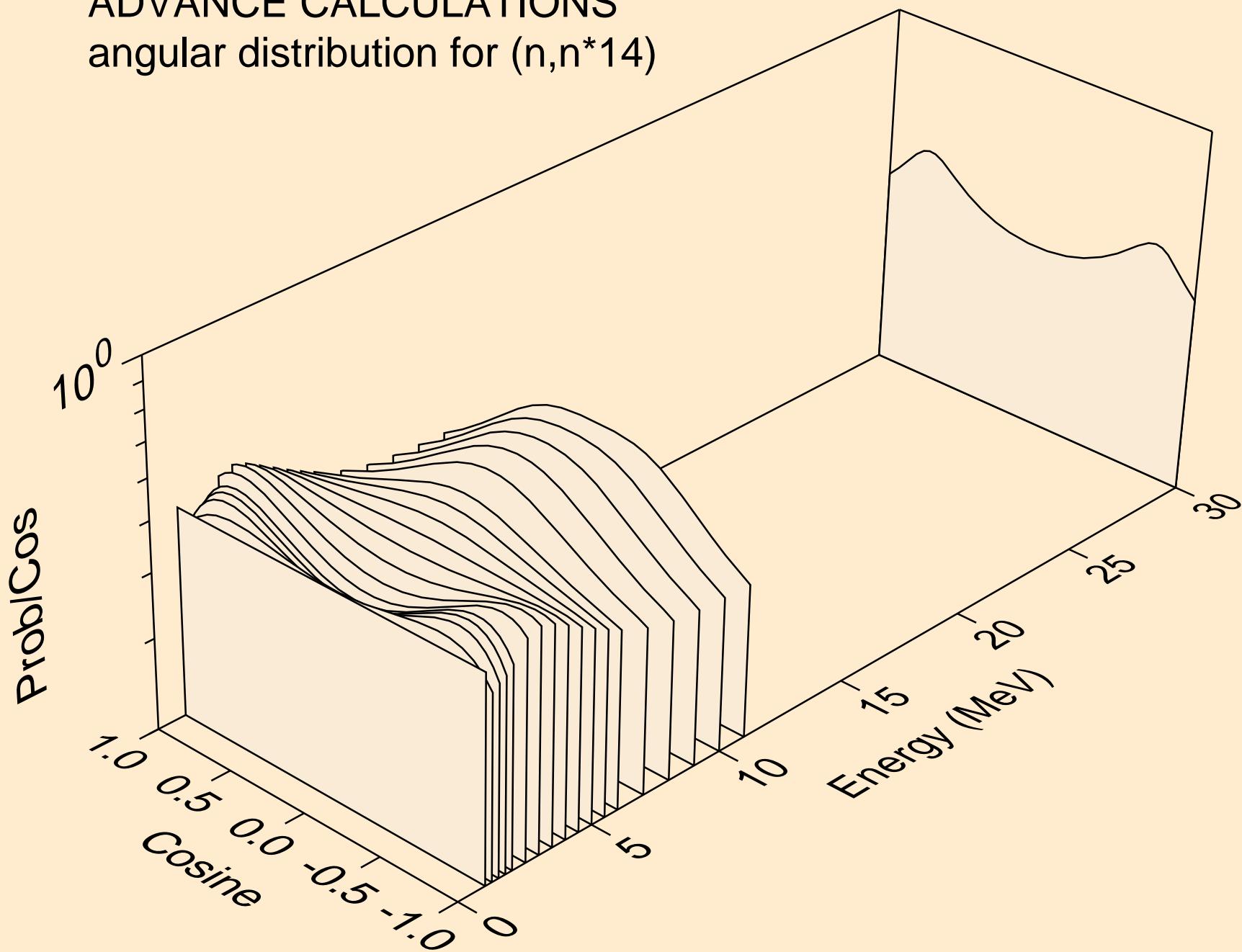
ADVANCE CALCULATIONS

angular distribution for (n,n^*13)



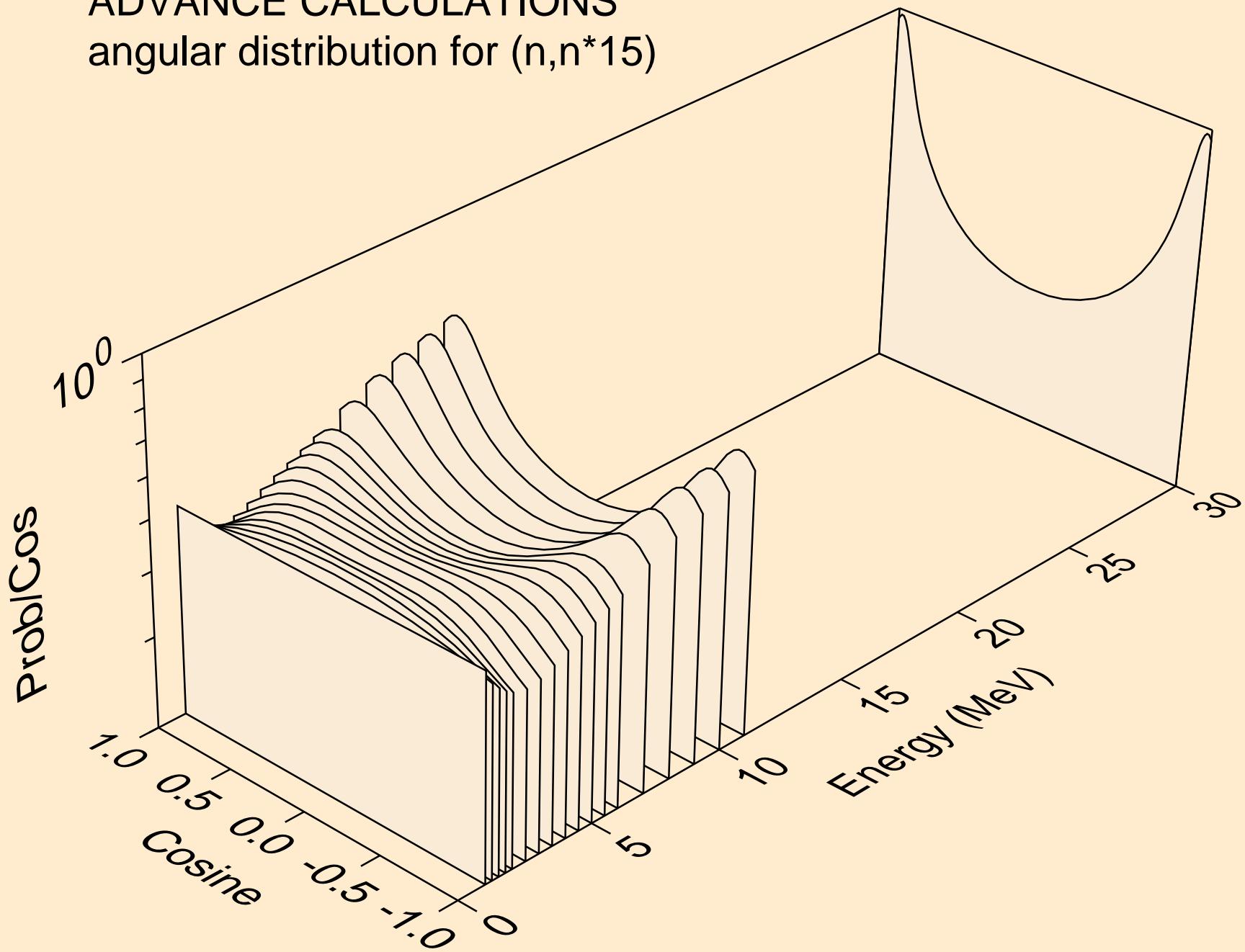
ADVANCE CALCULATIONS

angular distribution for (n,n*14)



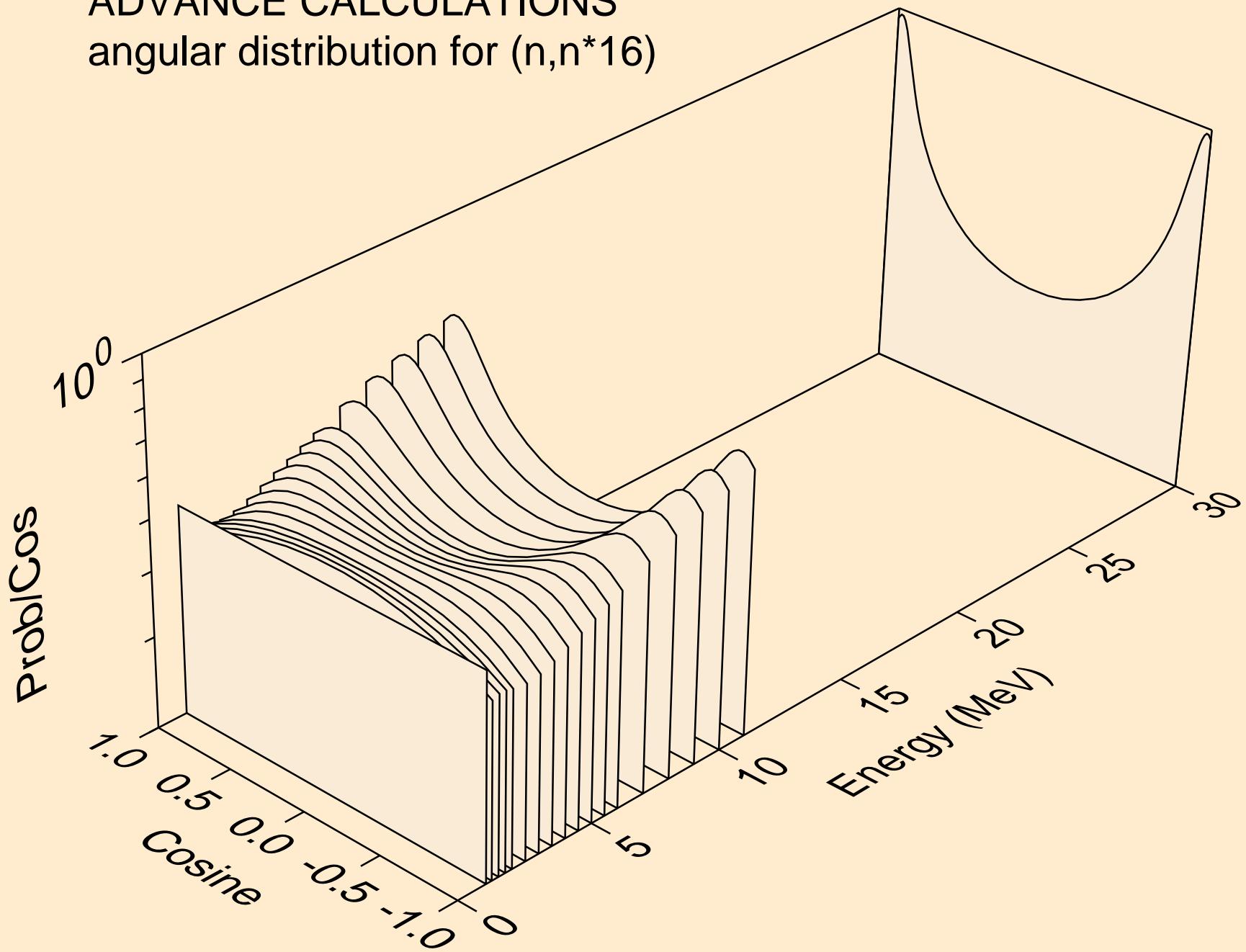
ADVANCE CALCULATIONS

angular distribution for (n,n^*15)



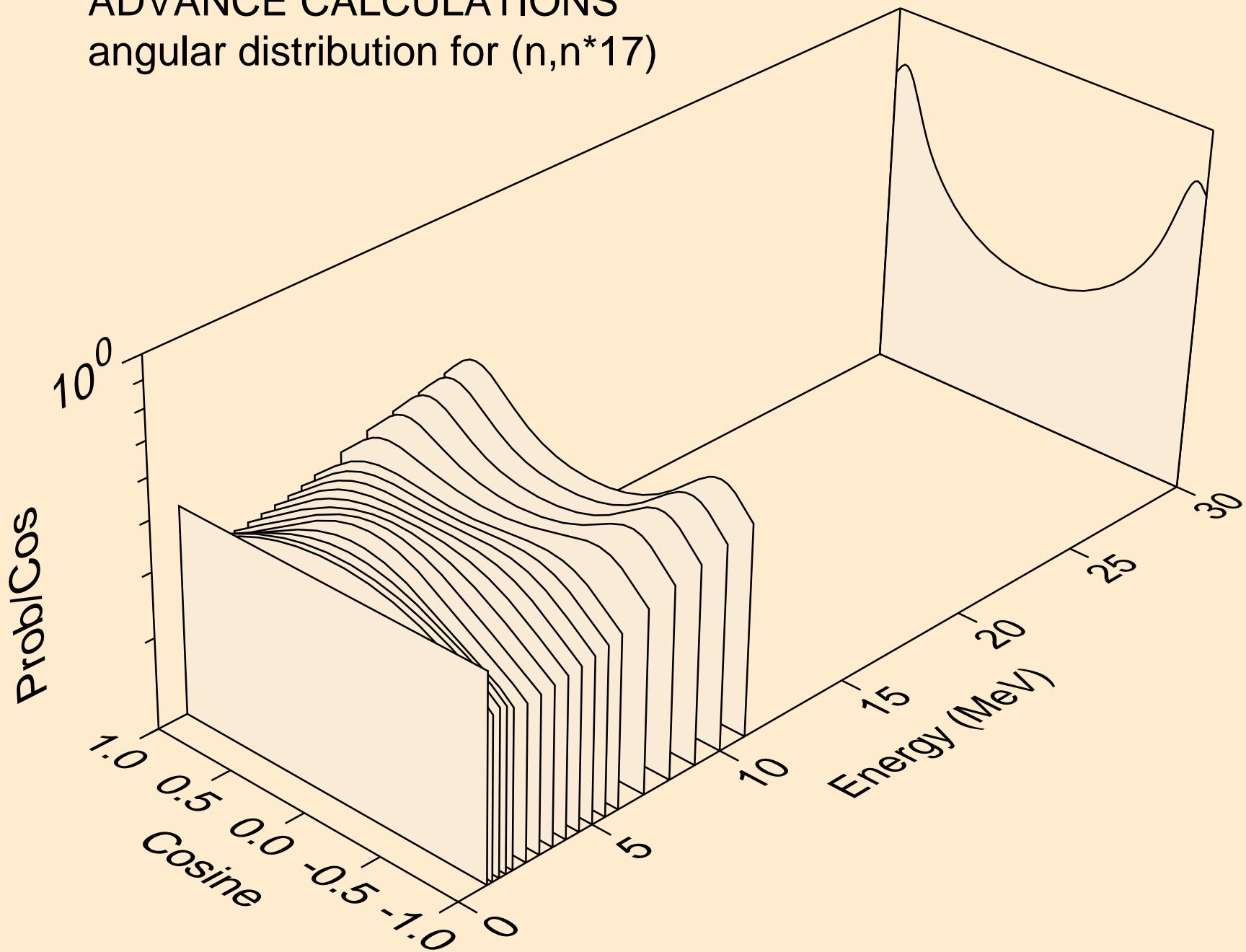
ADVANCE CALCULATIONS

angular distribution for (n,n^*16)



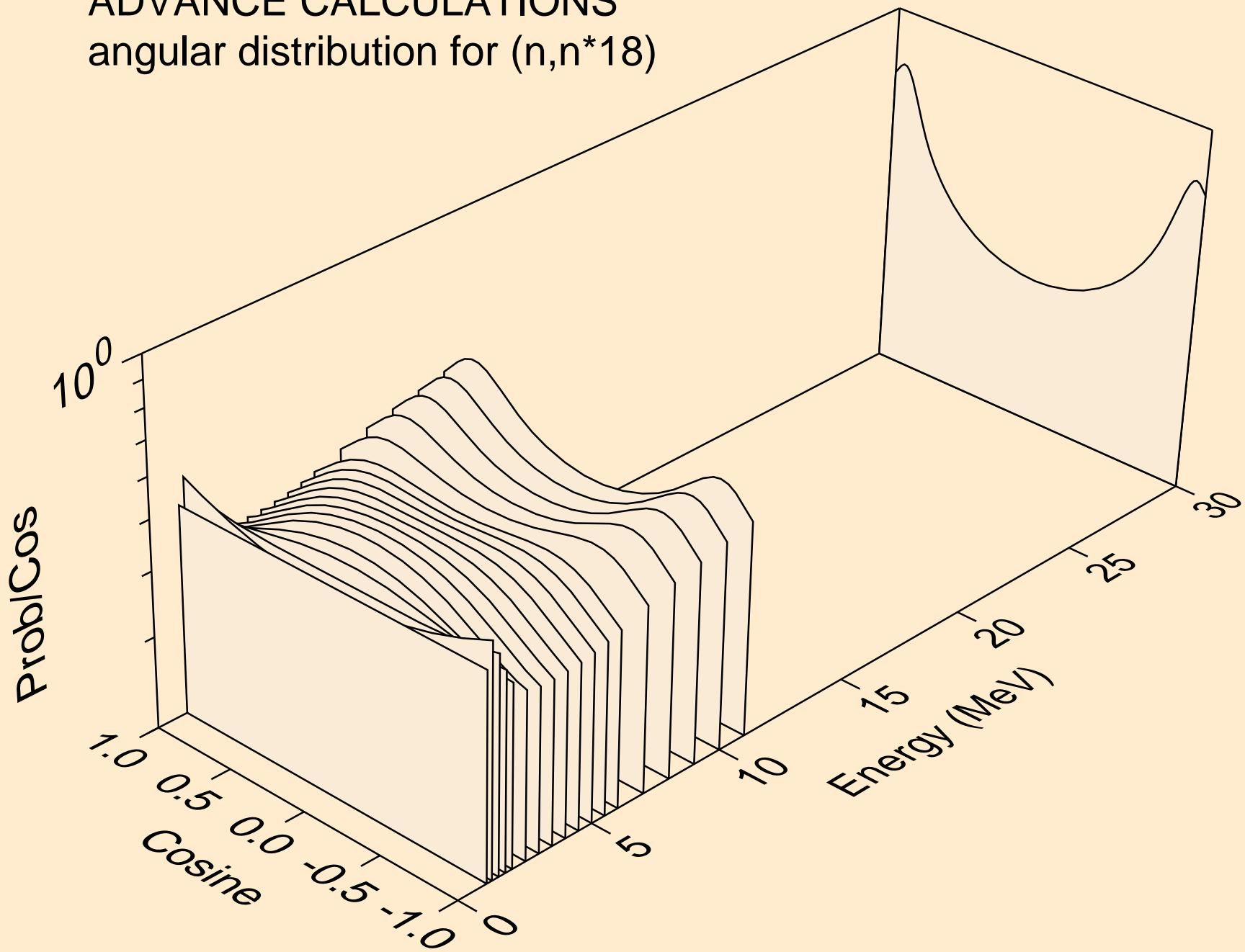
ADVANCE CALCULATIONS

angular distribution for (n,n^*17)



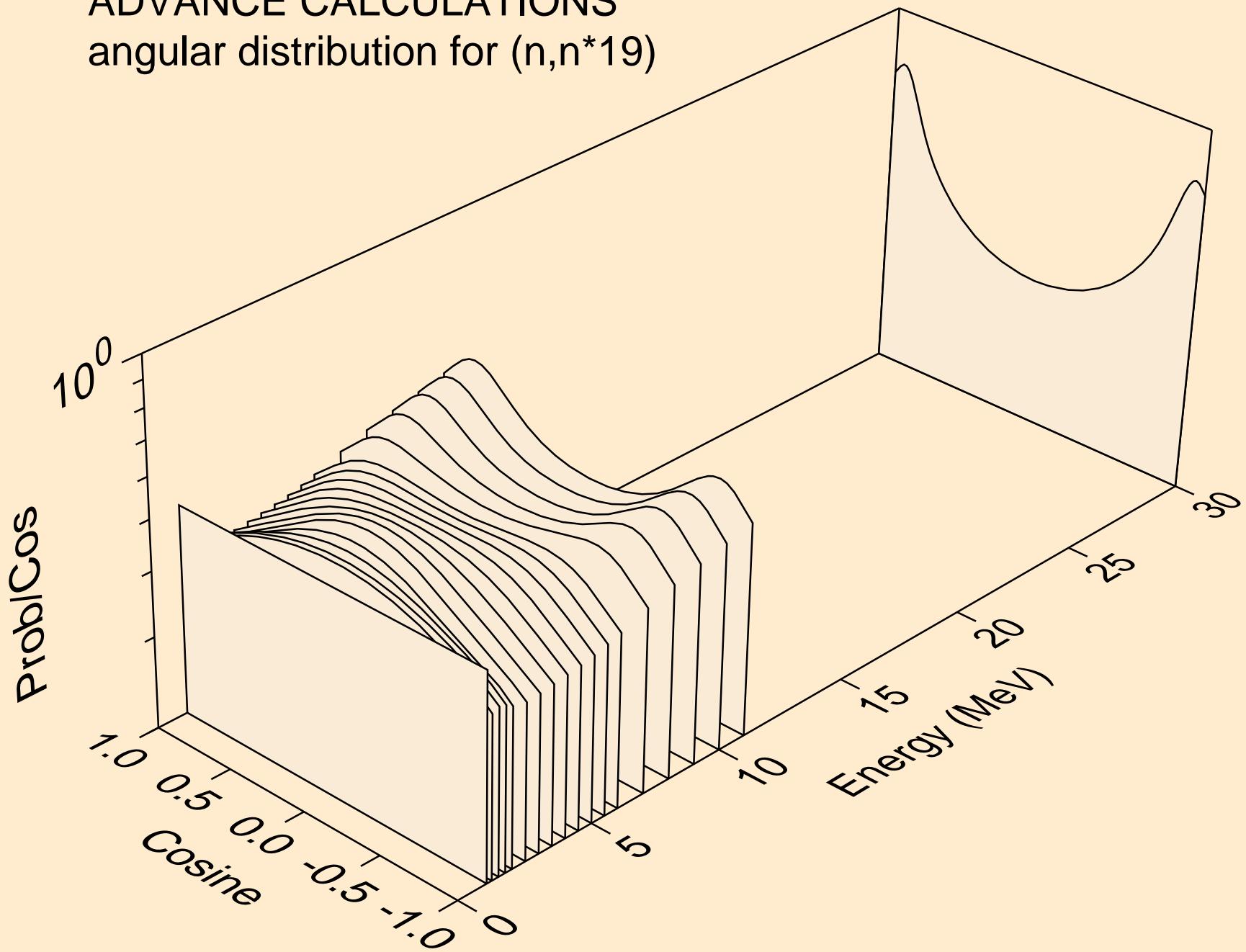
ADVANCE CALCULATIONS

angular distribution for $(n,n^{*}18)$



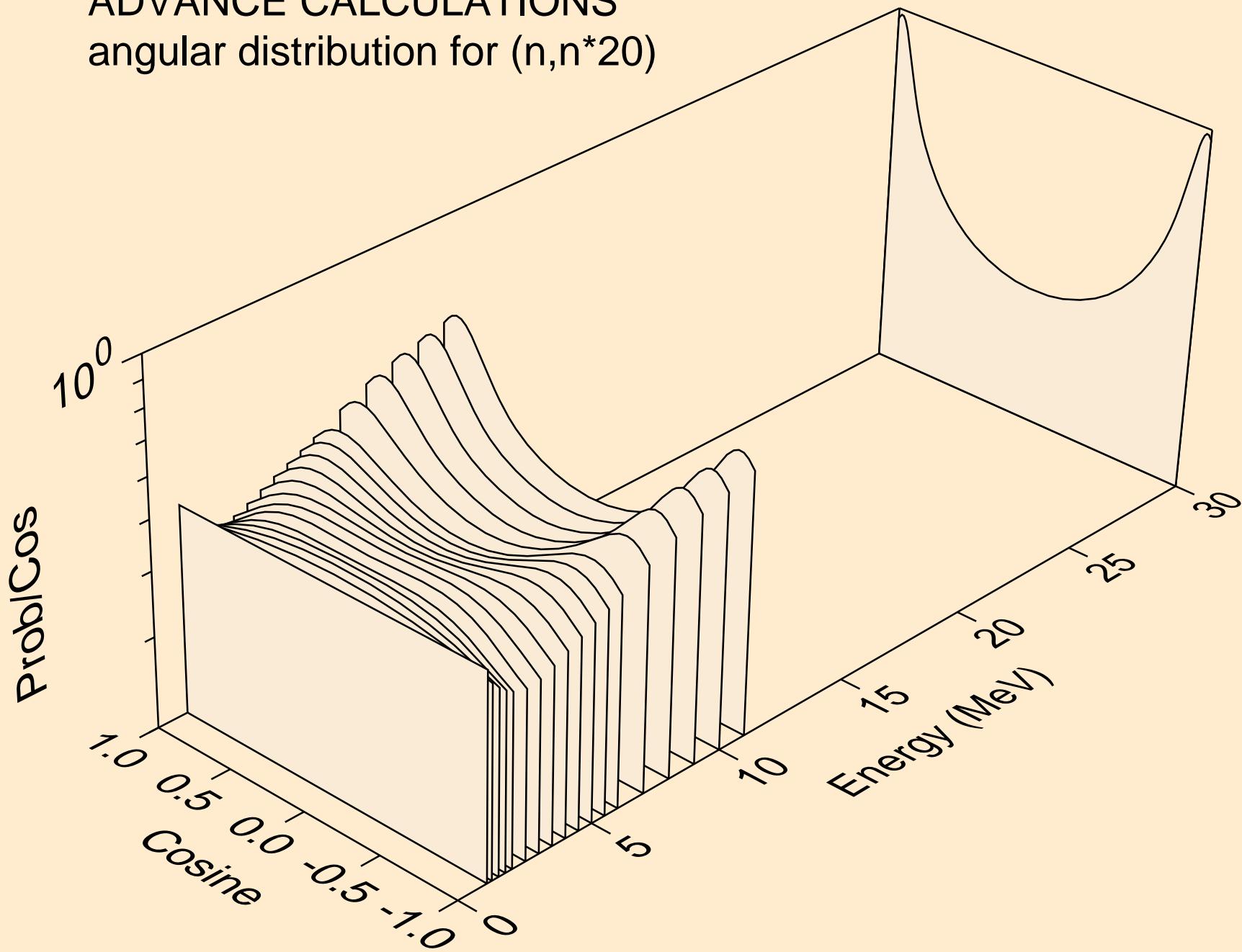
ADVANCE CALCULATIONS

angular distribution for (n,n^*19)



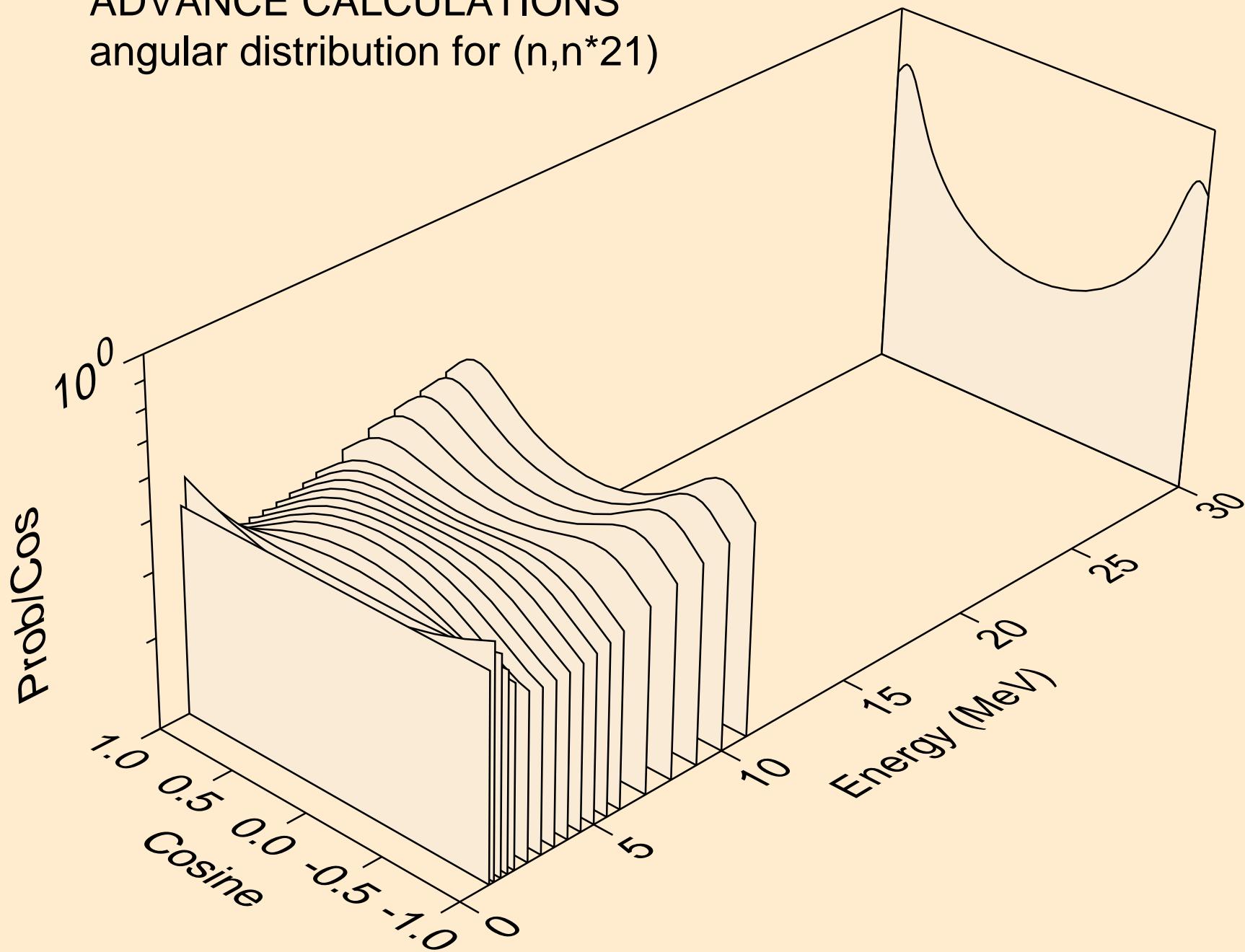
ADVANCE CALCULATIONS

angular distribution for $(n,n^*)20$



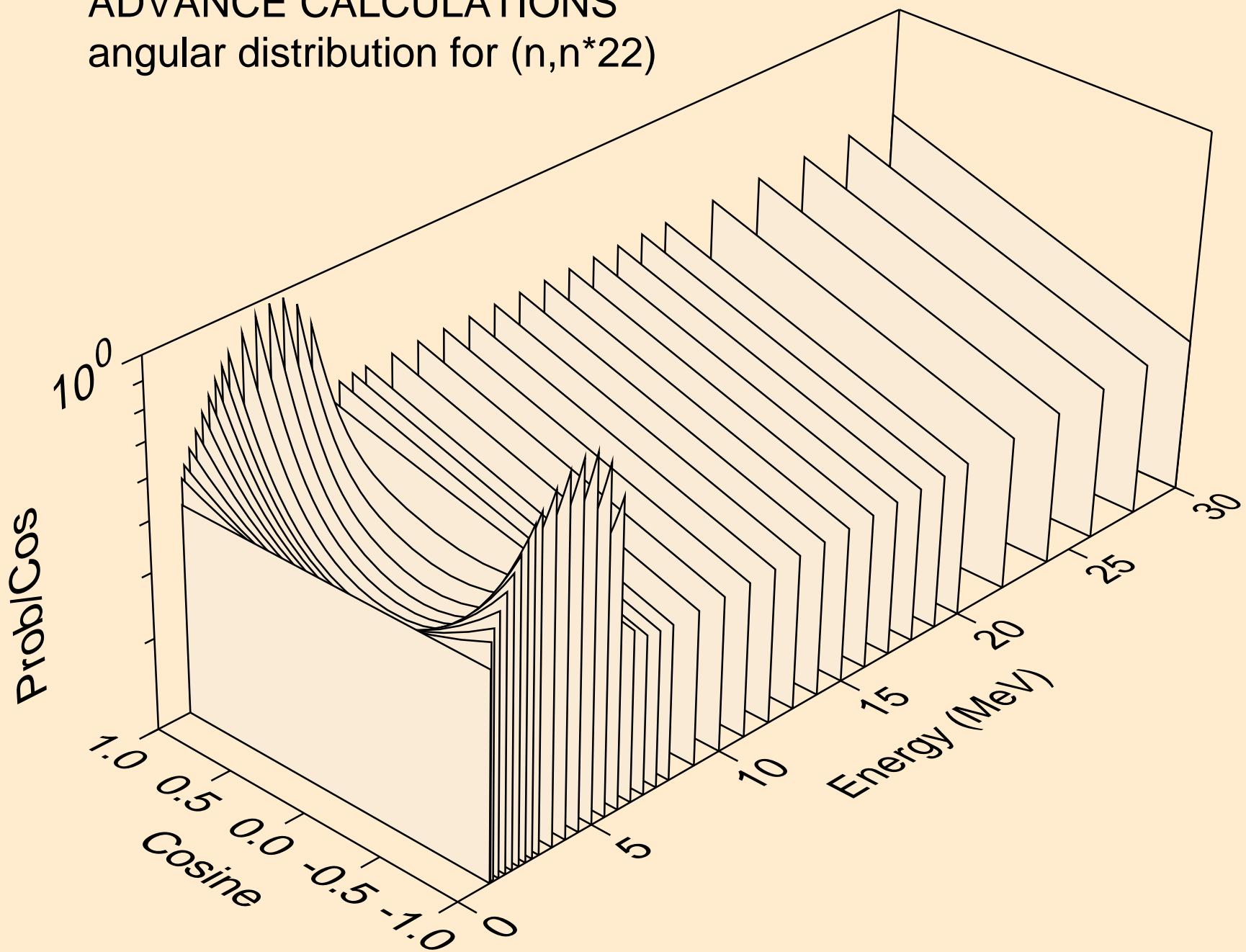
ADVANCE CALCULATIONS

angular distribution for (n,n^*21)



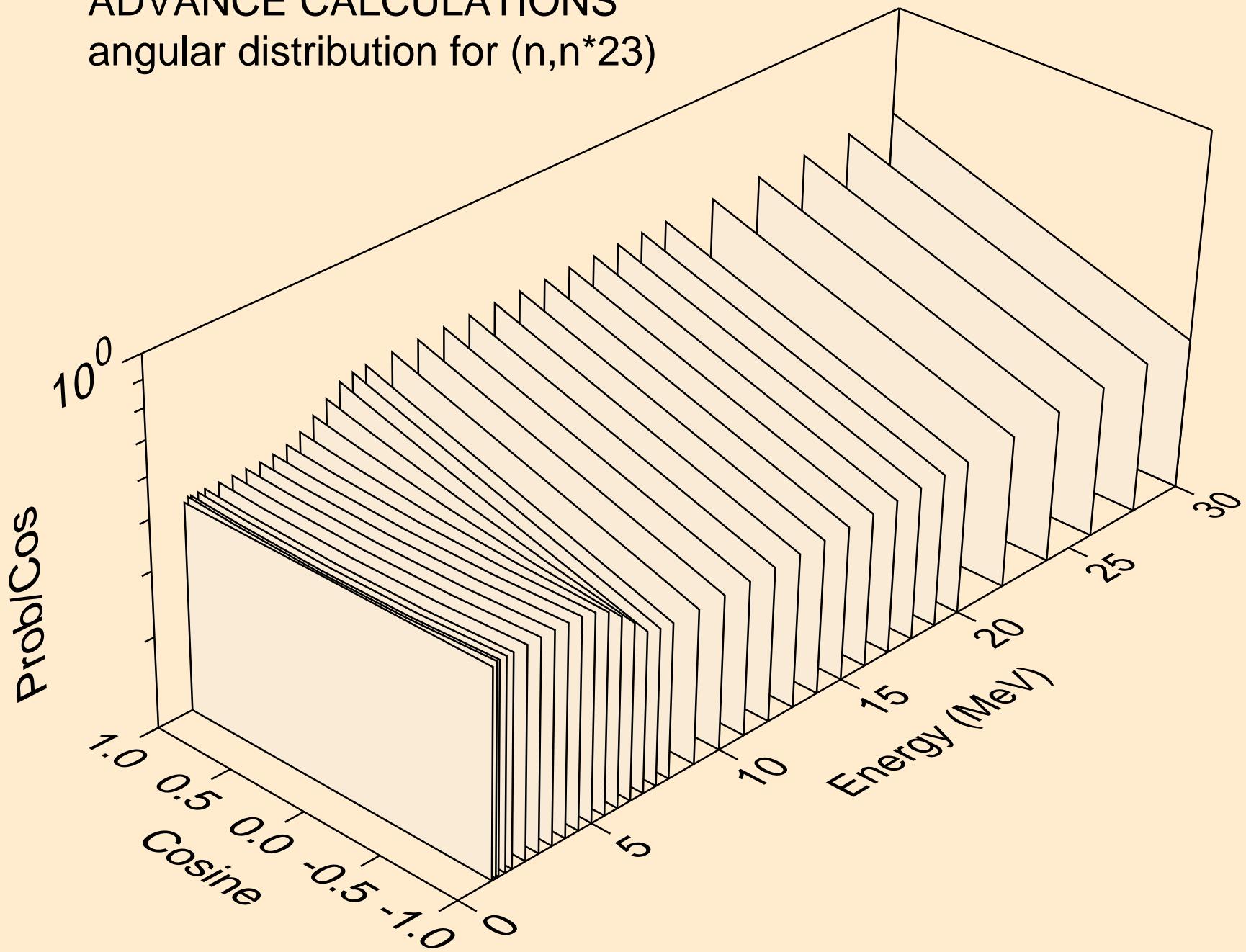
ADVANCE CALCULATIONS

angular distribution for $(n,n^*)^{22}$



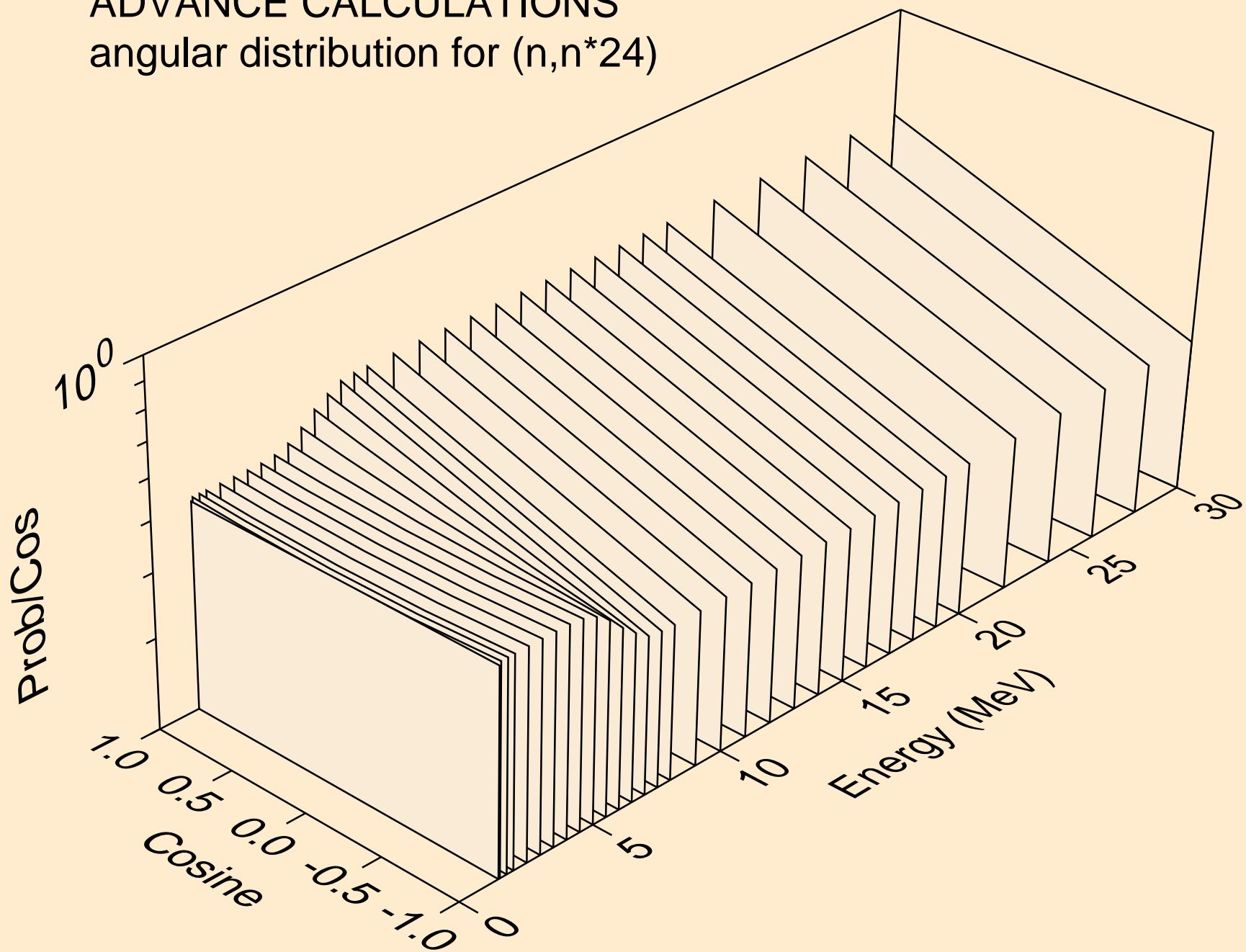
ADVANCE CALCULATIONS

angular distribution for (n,n^*23)



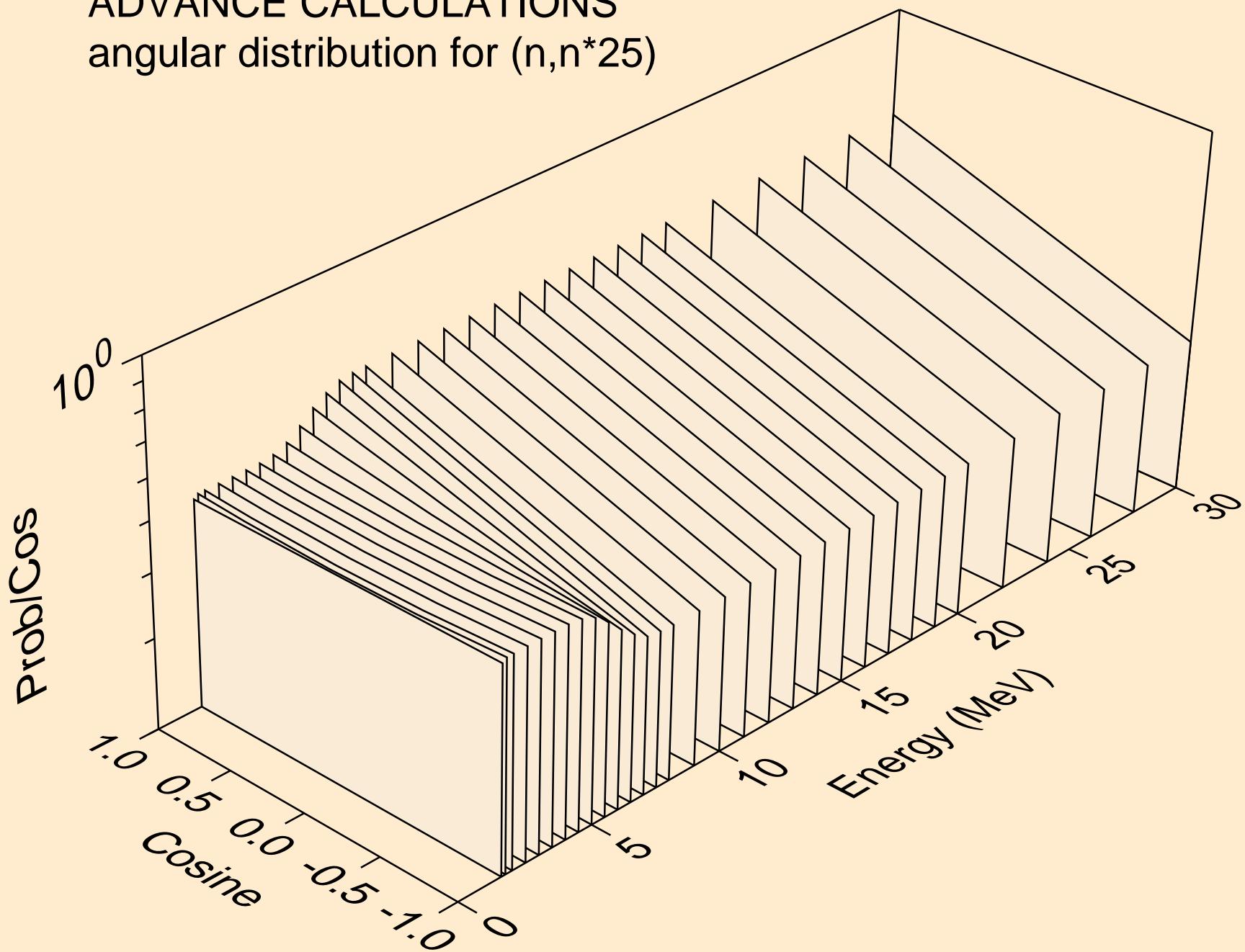
ADVANCE CALCULATIONS

angular distribution for (n,n^*24)



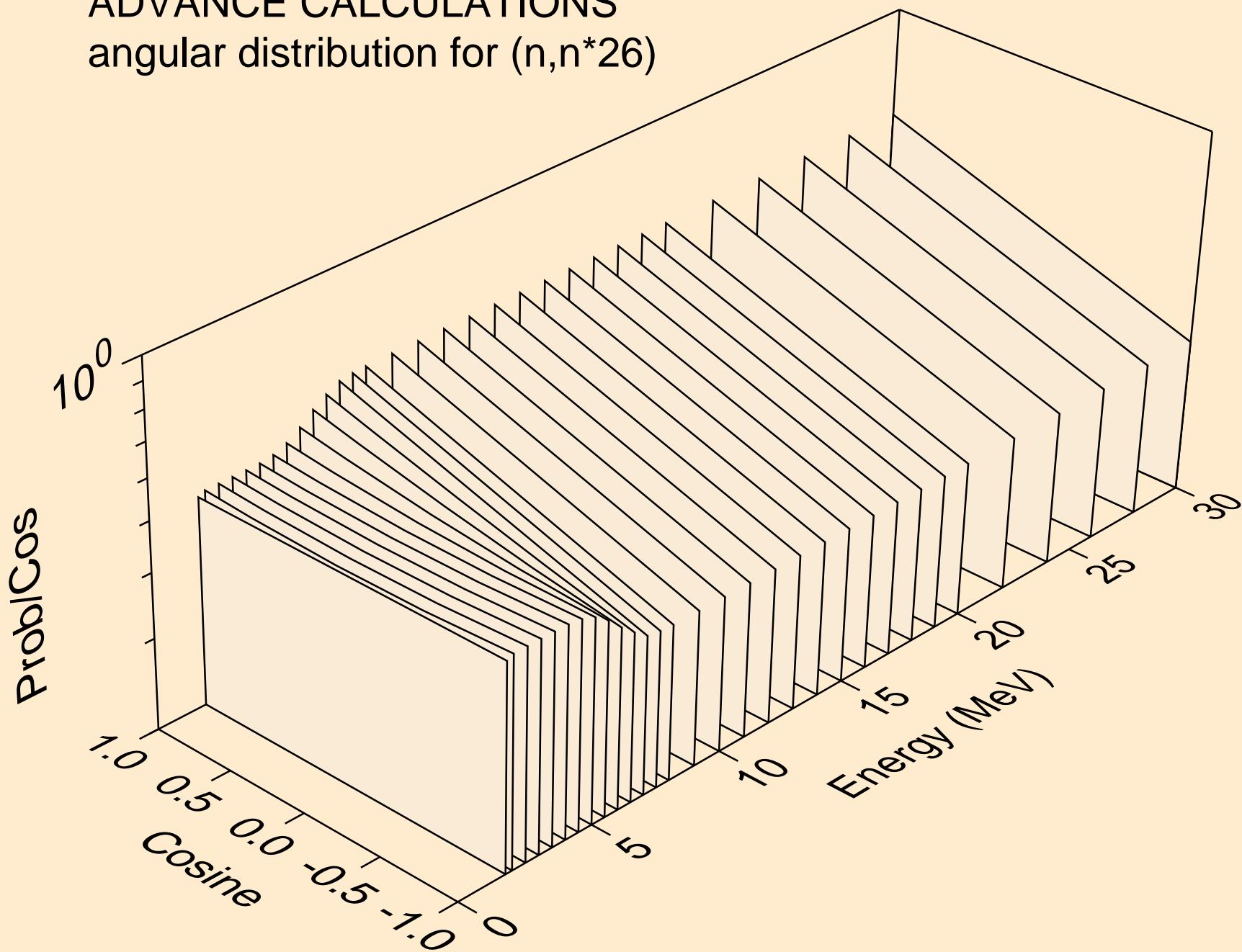
ADVANCE CALCULATIONS

angular distribution for (n,n*25)



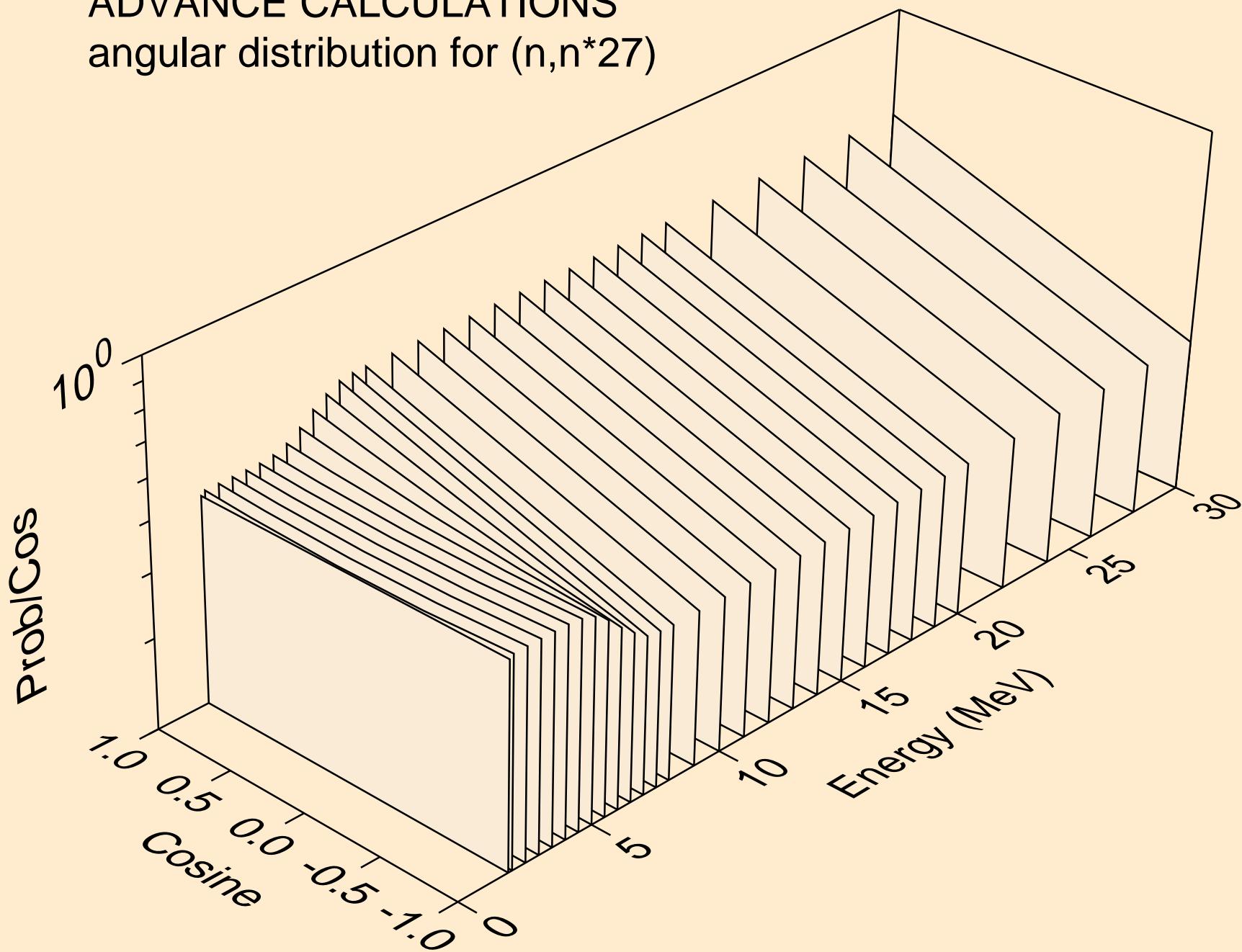
ADVANCE CALCULATIONS

angular distribution for (n,n*26)



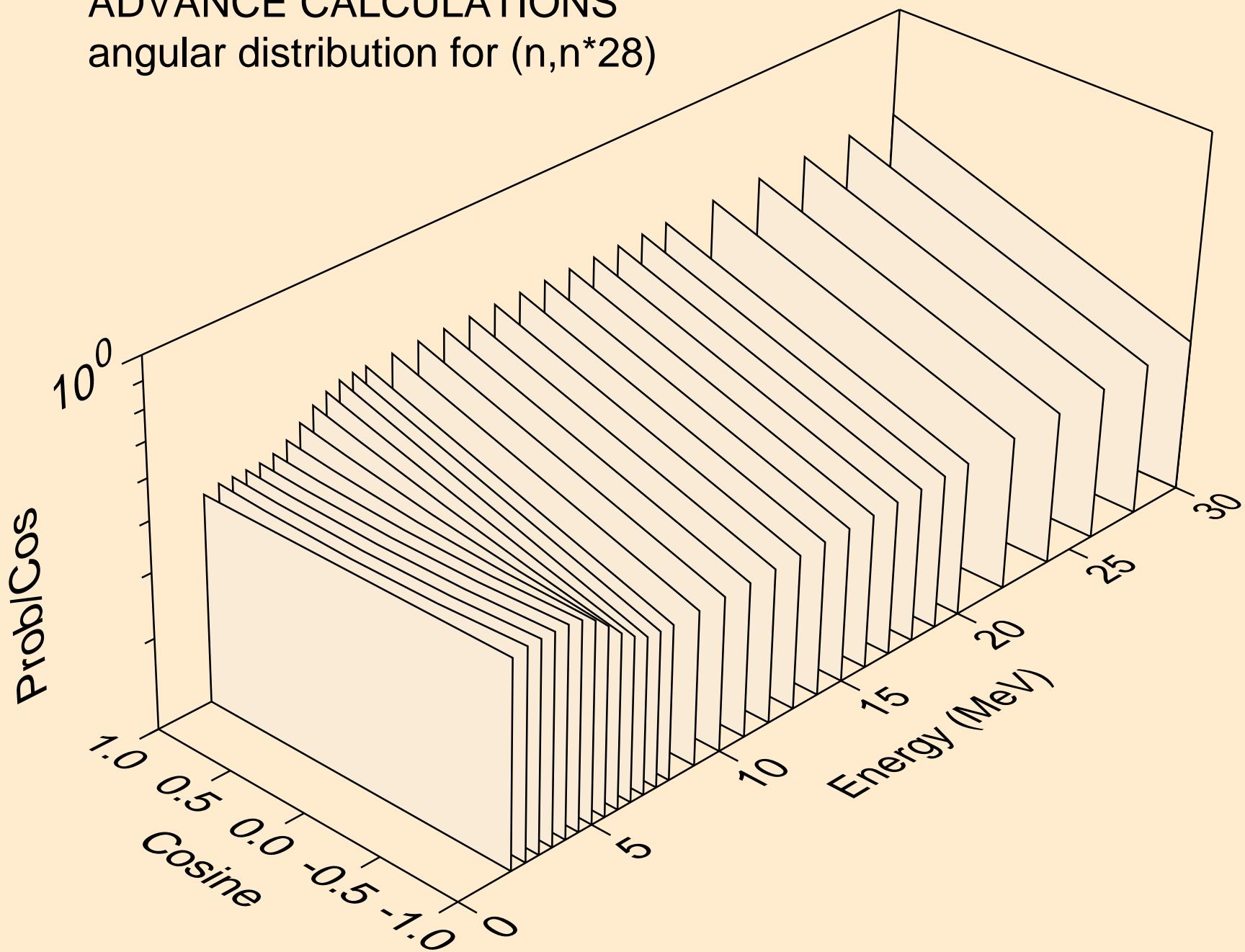
ADVANCE CALCULATIONS

angular distribution for $(n,n^*)^{27}$



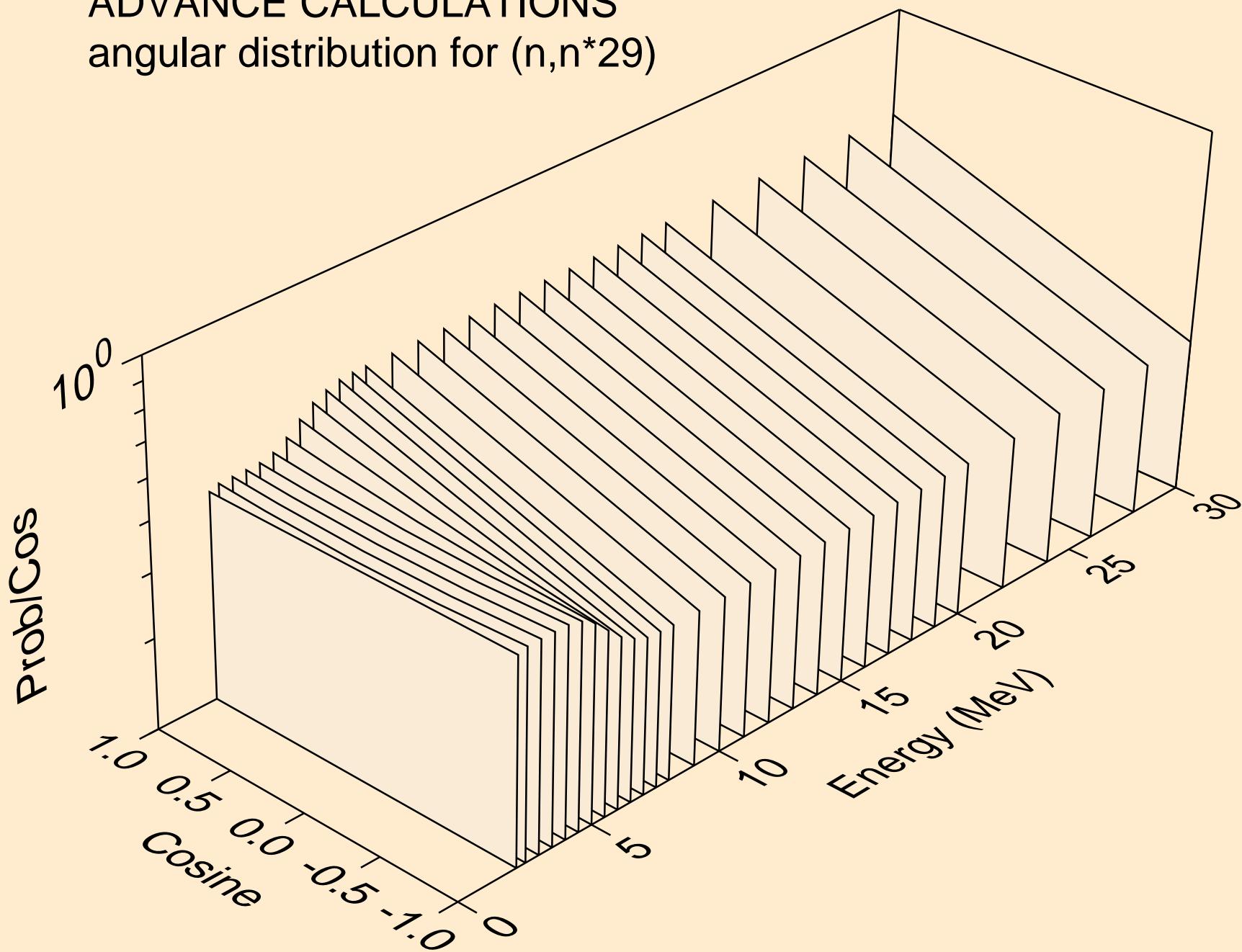
ADVANCE CALCULATIONS

angular distribution for $(n,n^*)^{28}$



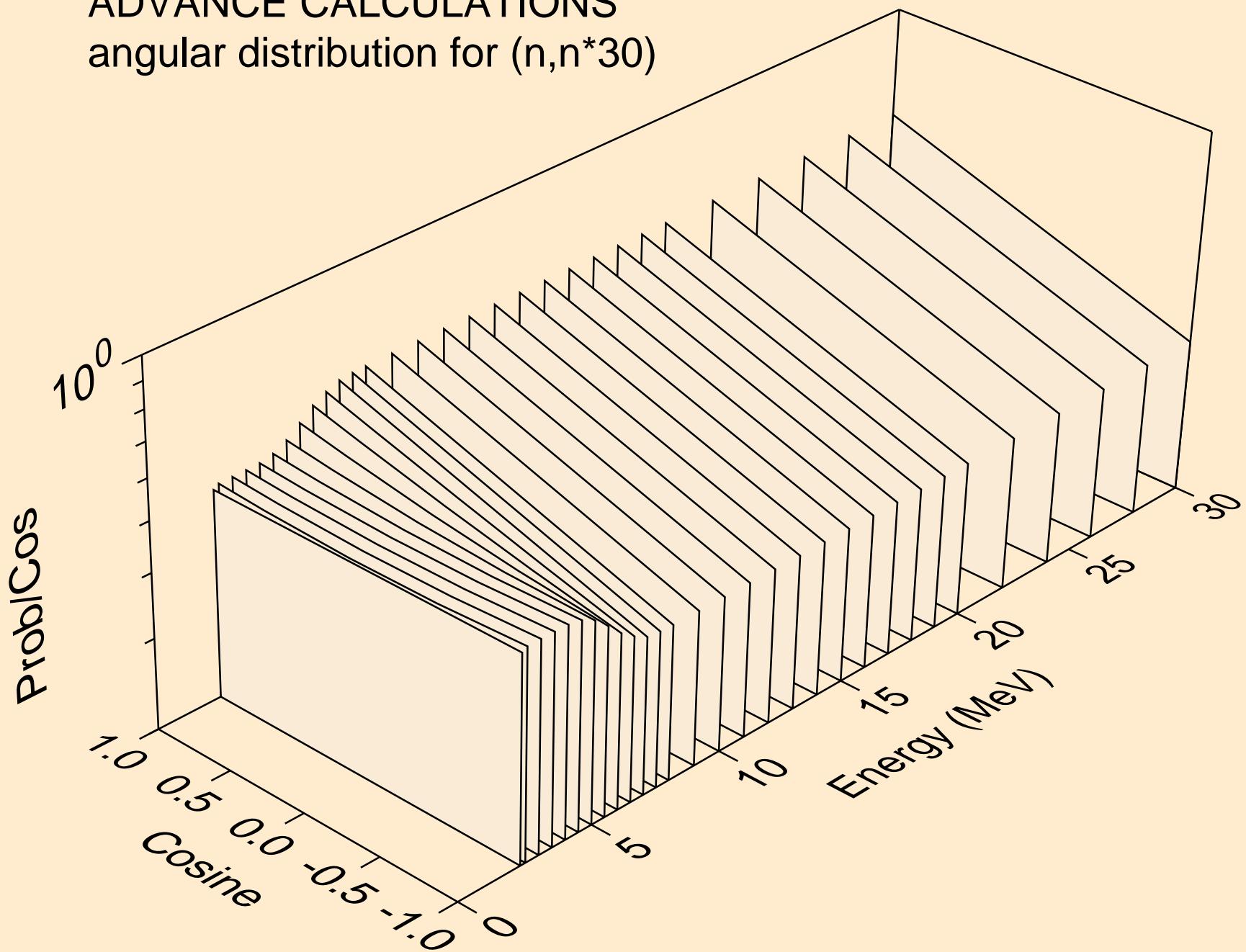
ADVANCE CALCULATIONS

angular distribution for (n,n*29)



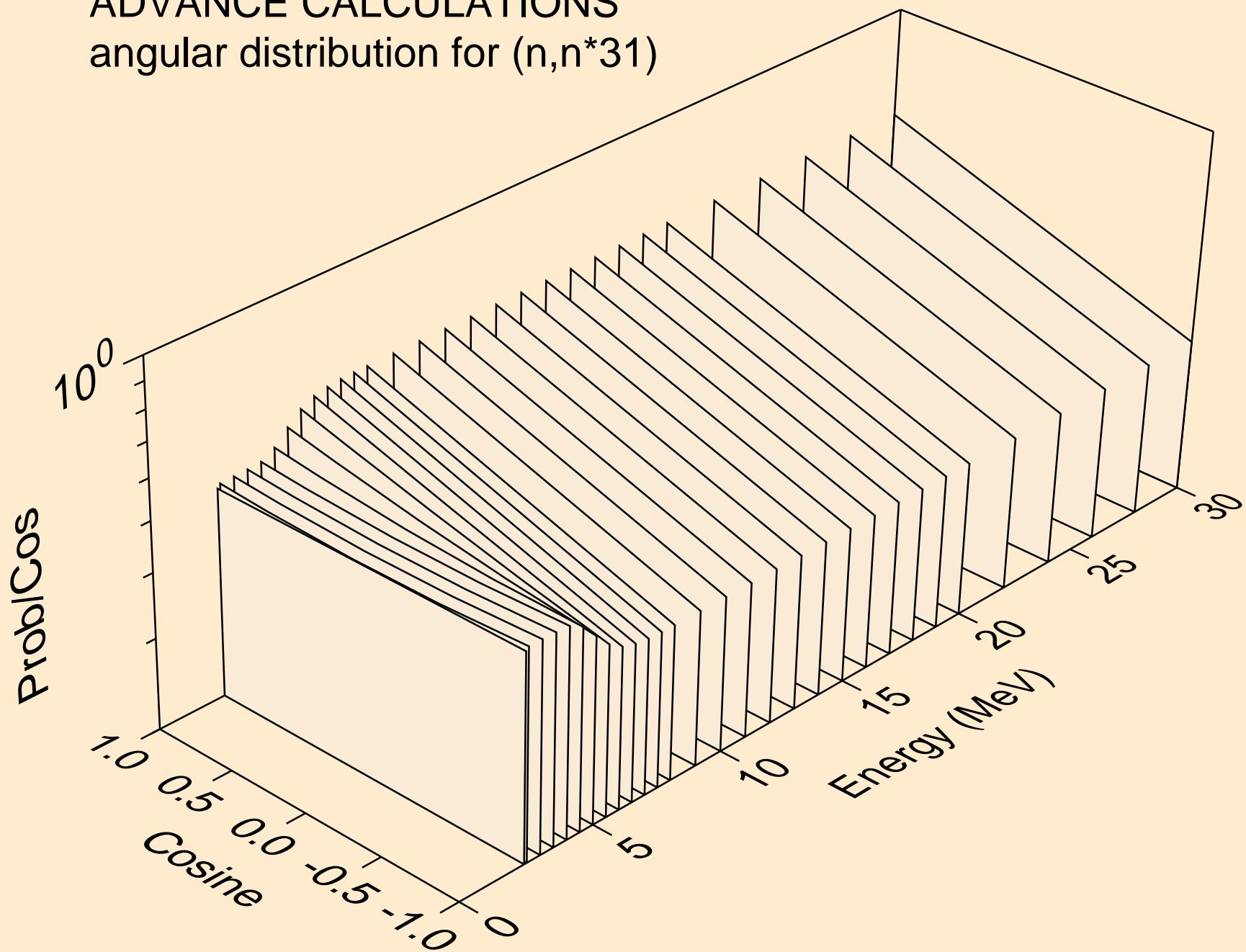
ADVANCE CALCULATIONS

angular distribution for $(n,n^*)30$



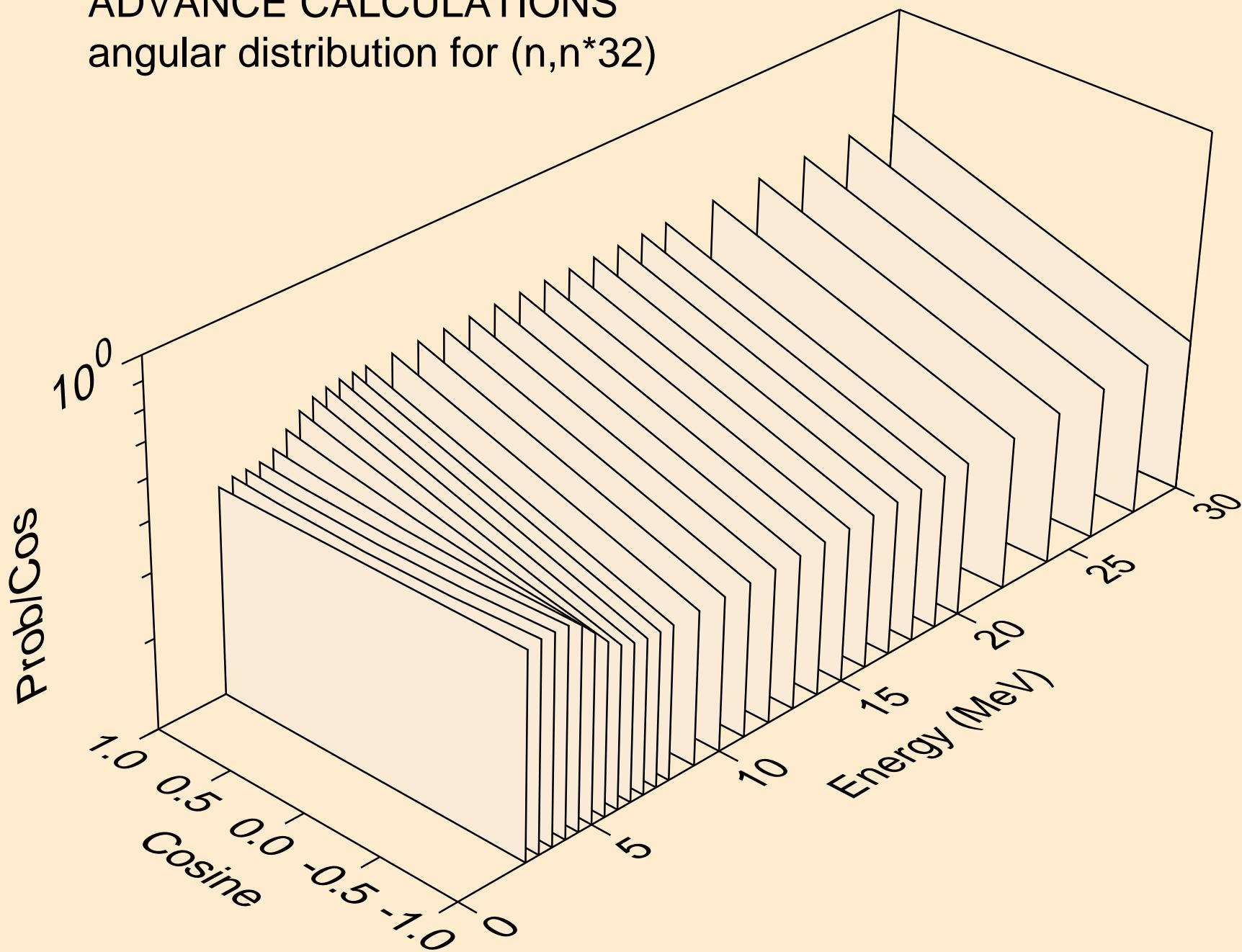
ADVANCE CALCULATIONS

angular distribution for (n,n^*31)



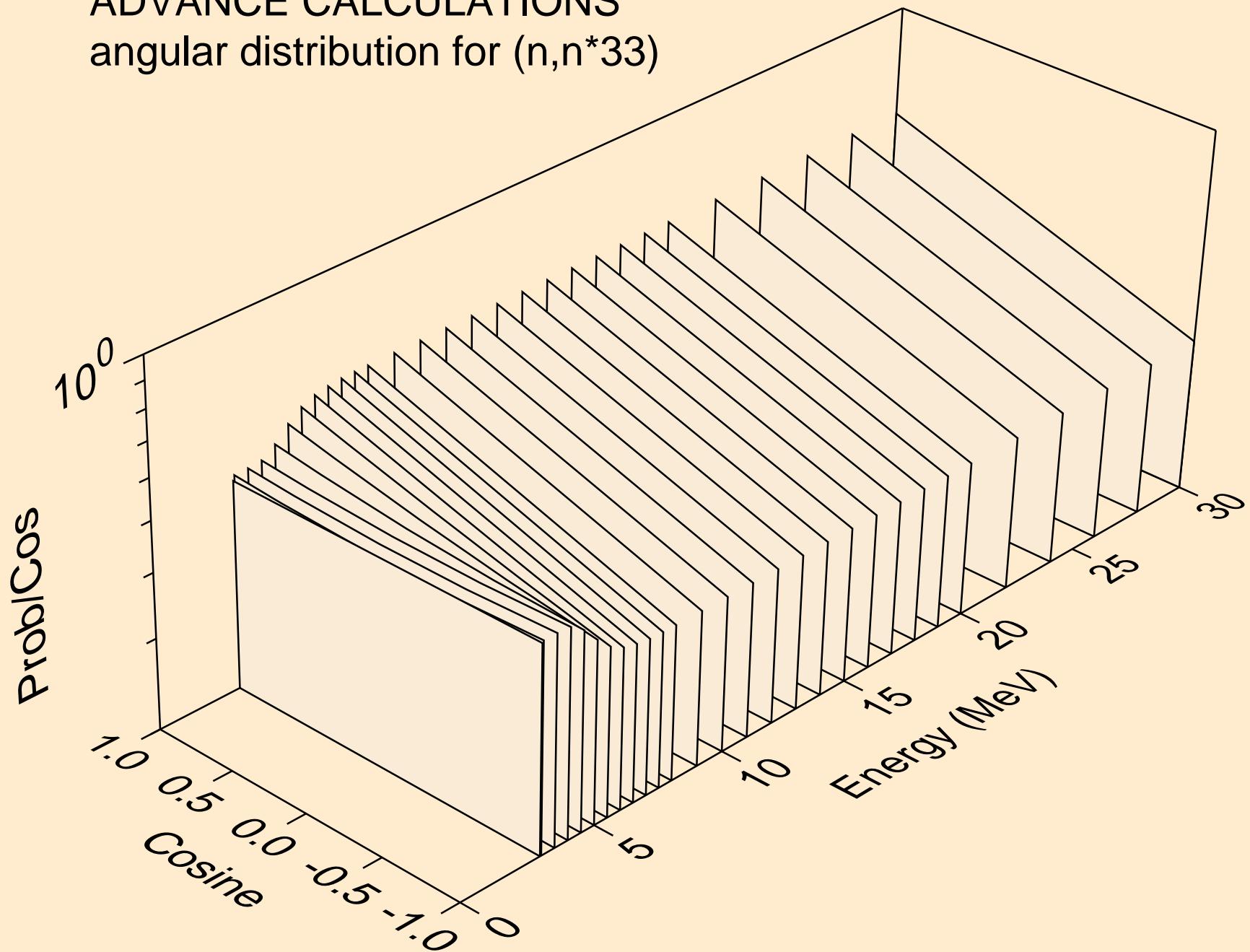
ADVANCE CALCULATIONS

angular distribution for (n,n*32)



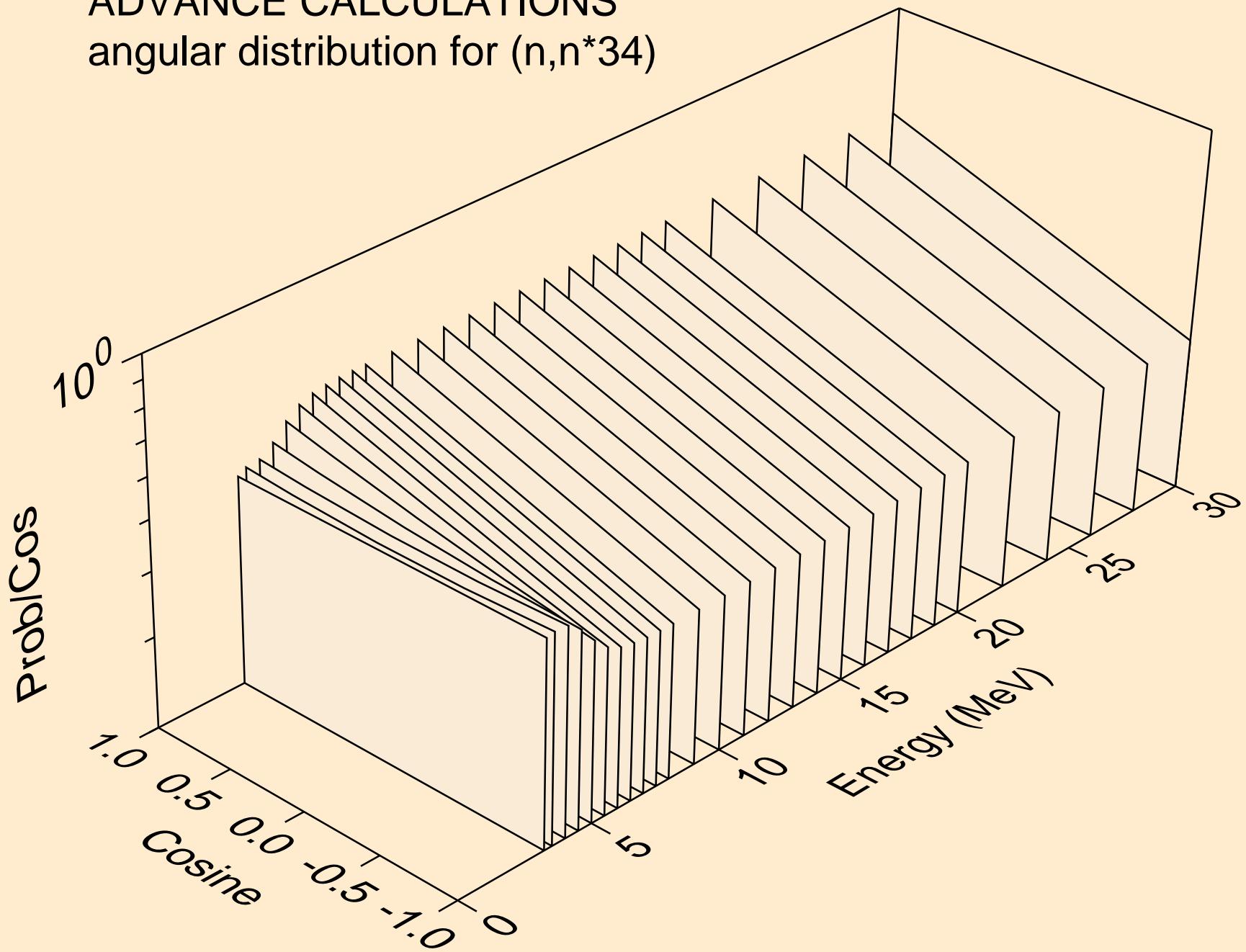
ADVANCE CALCULATIONS

angular distribution for (n,n*33)



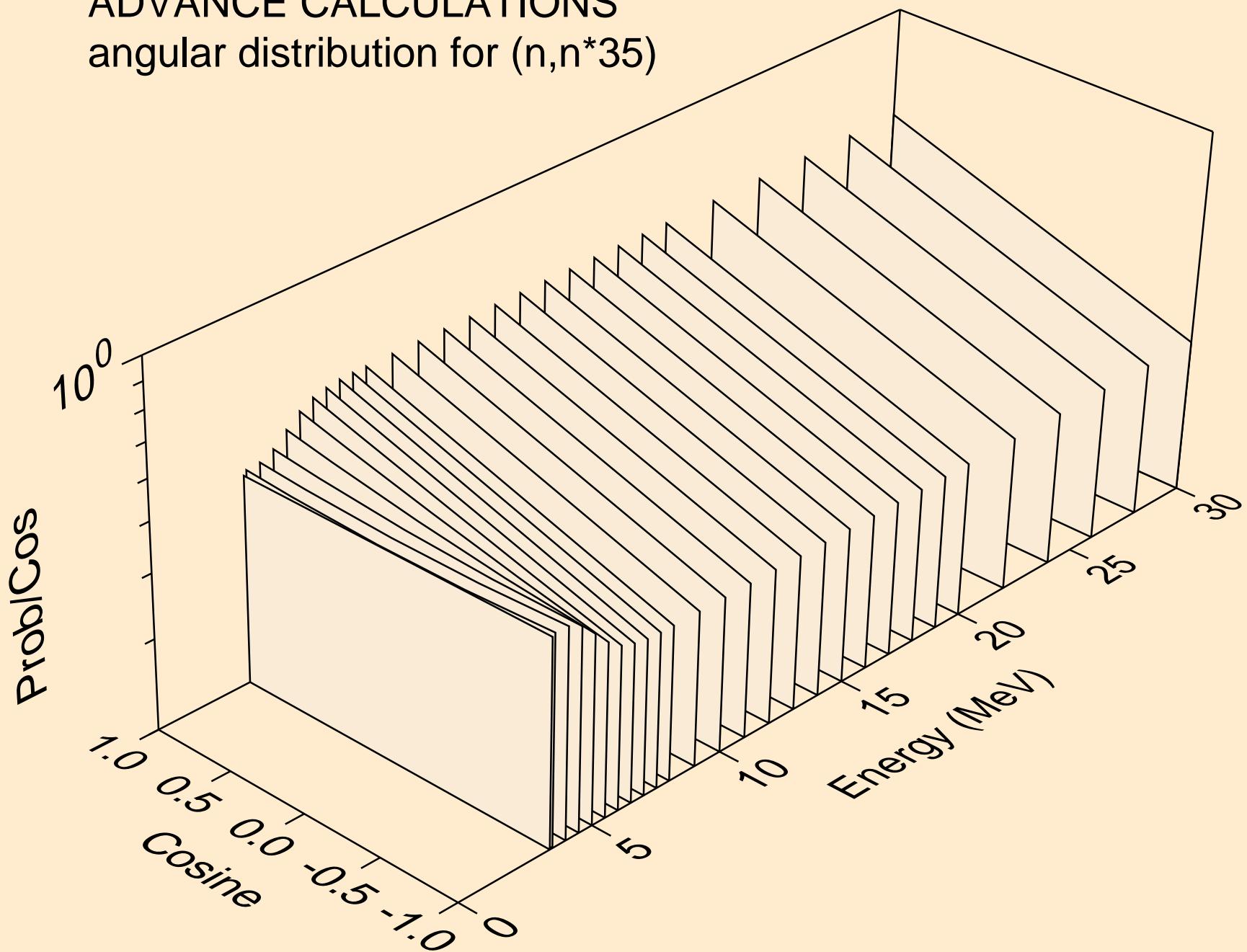
ADVANCE CALCULATIONS

angular distribution for (n, n^*34)



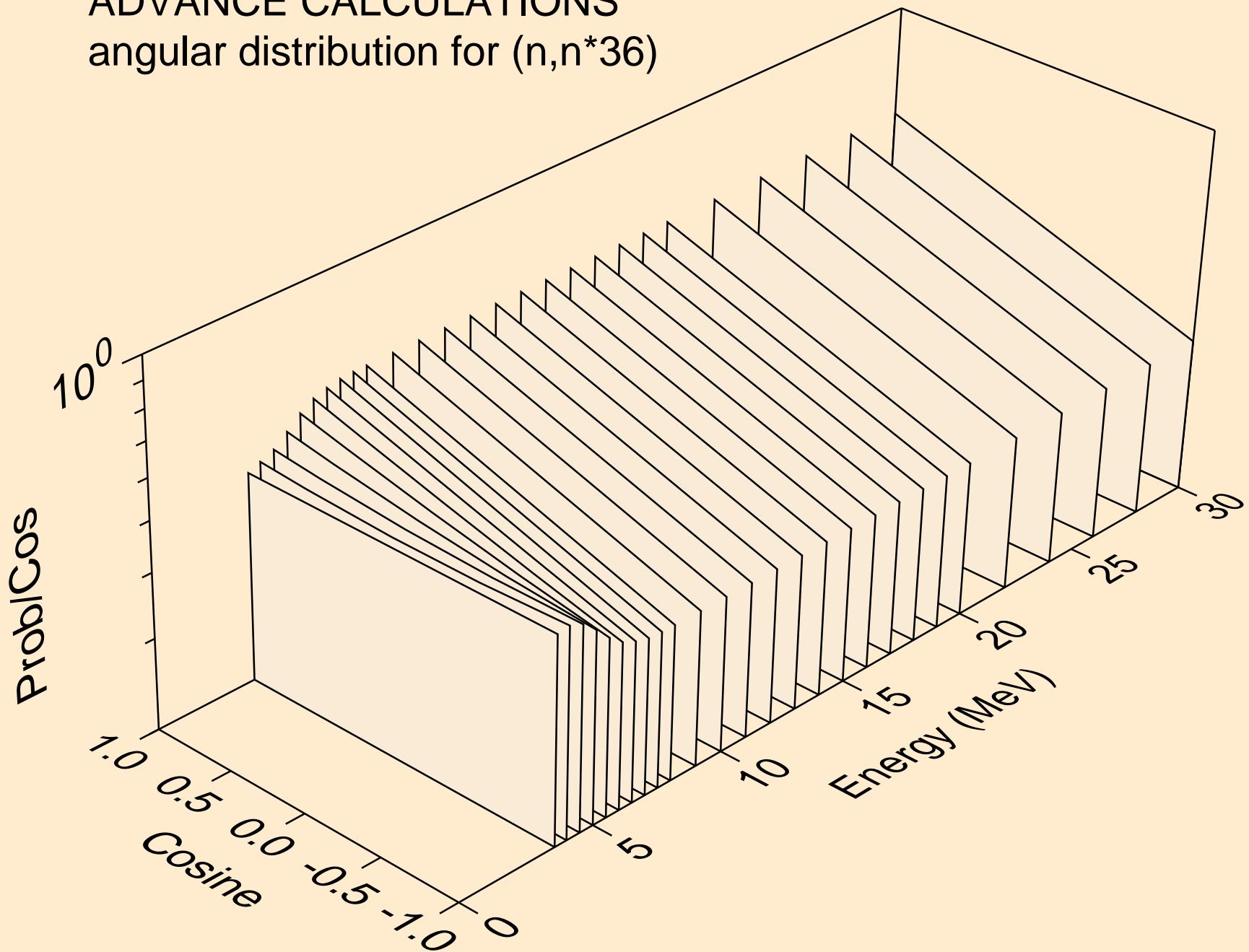
ADVANCE CALCULATIONS

angular distribution for (n,n*35)



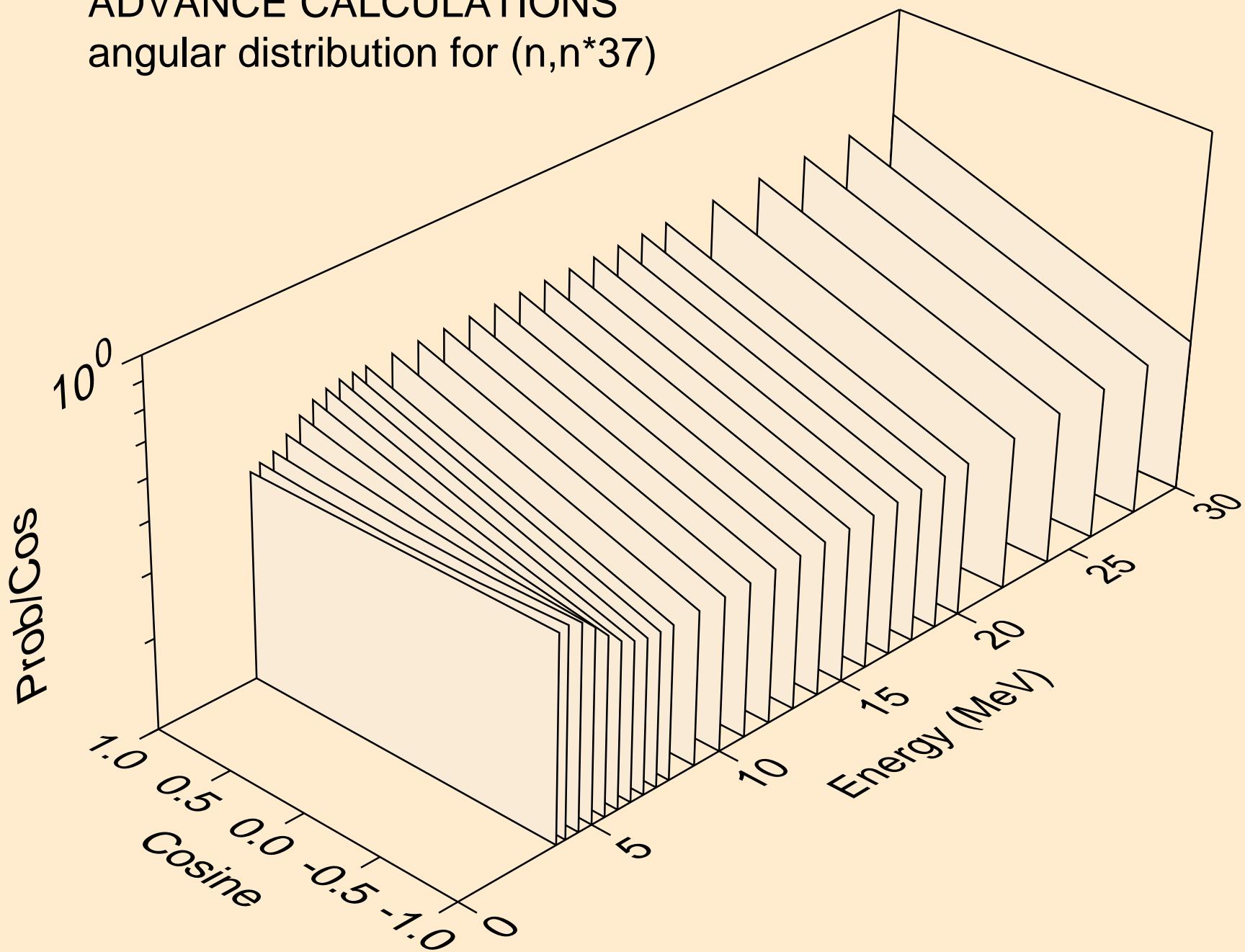
ADVANCE CALCULATIONS

angular distribution for (n,n^*36)



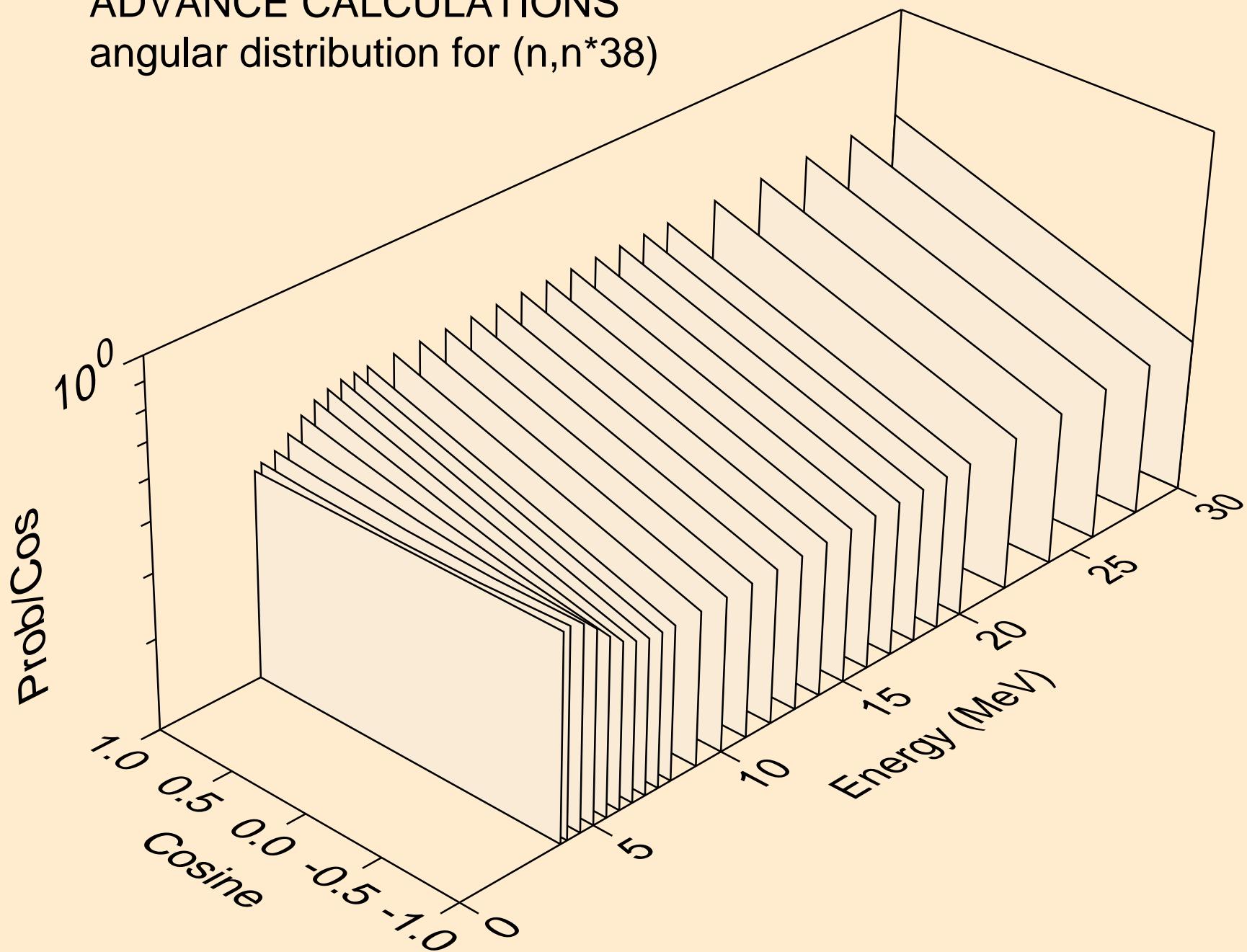
ADVANCE CALCULATIONS

angular distribution for (n, n^*37)



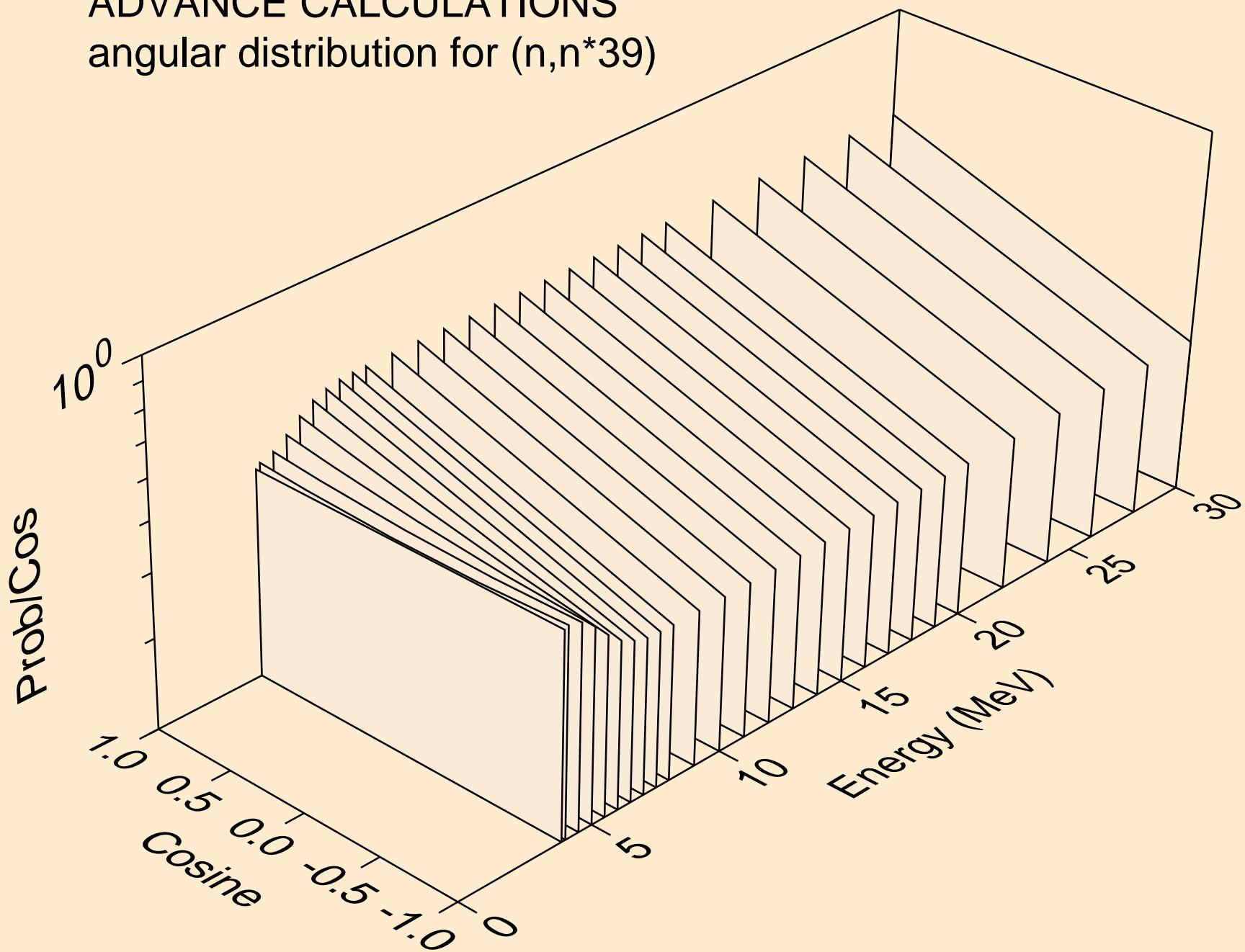
ADVANCE CALCULATIONS

angular distribution for (n,n^*38)



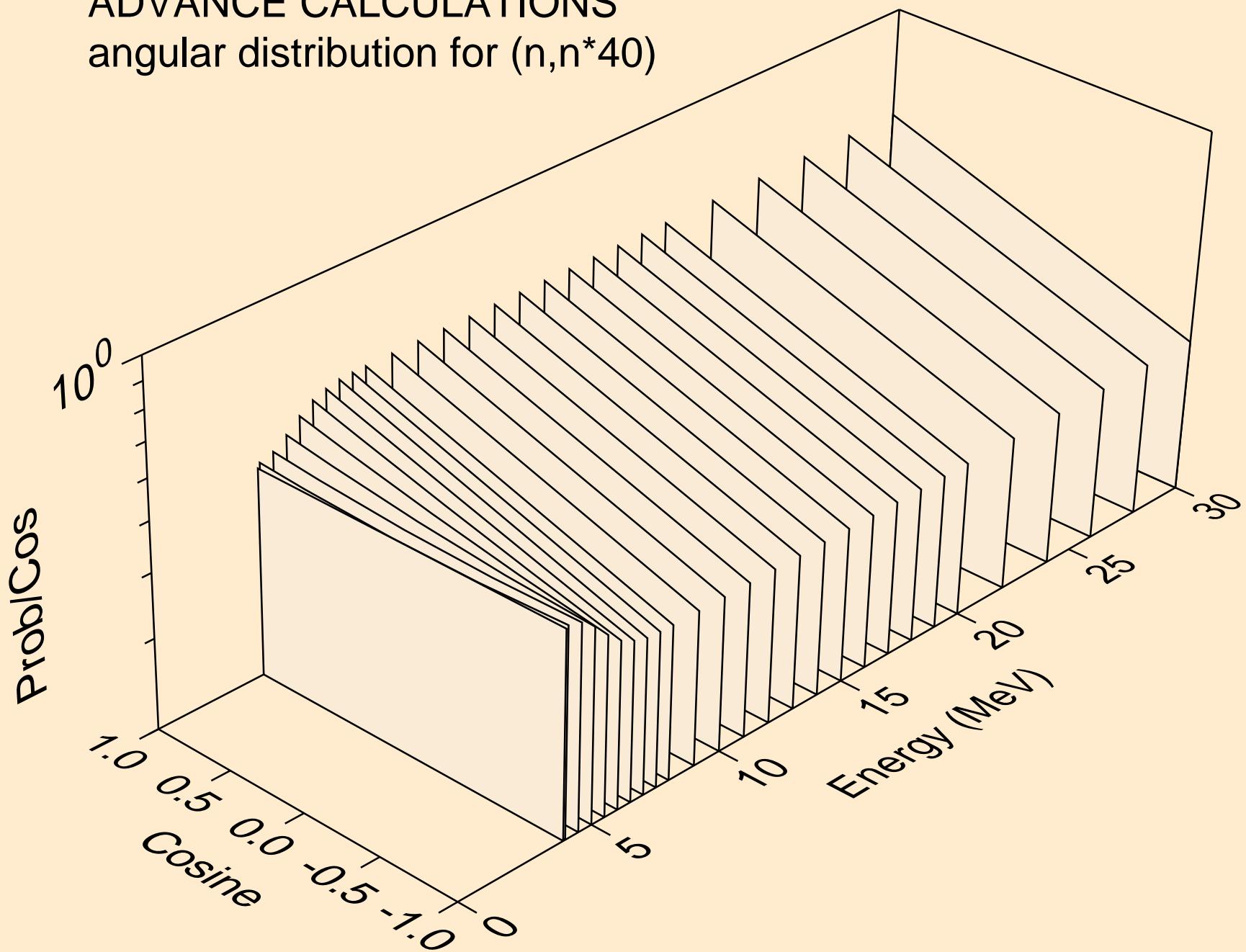
ADVANCE CALCULATIONS

angular distribution for (n,n^*39)



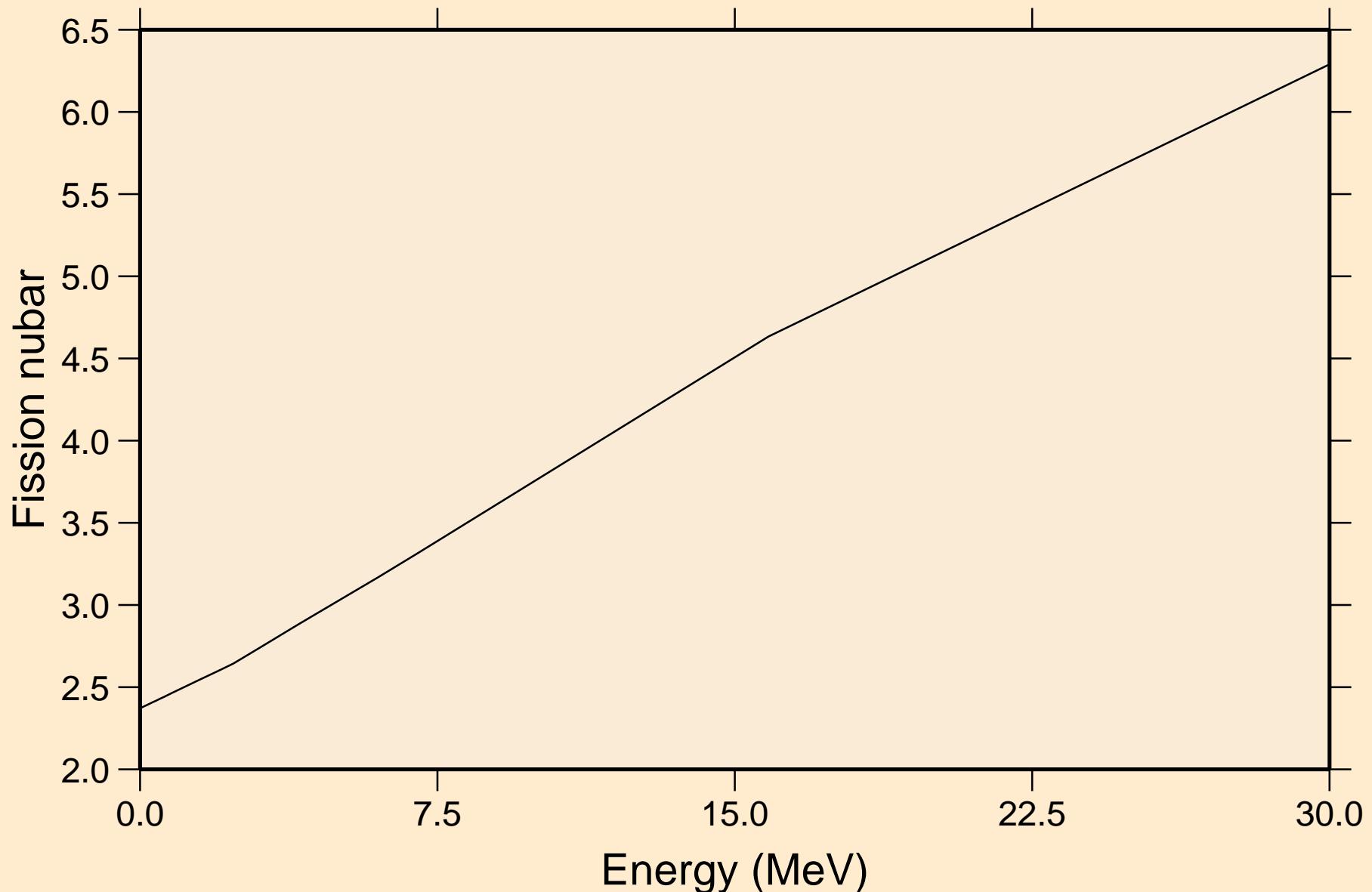
ADVANCE CALCULATIONS

angular distribution for (n,n*40)



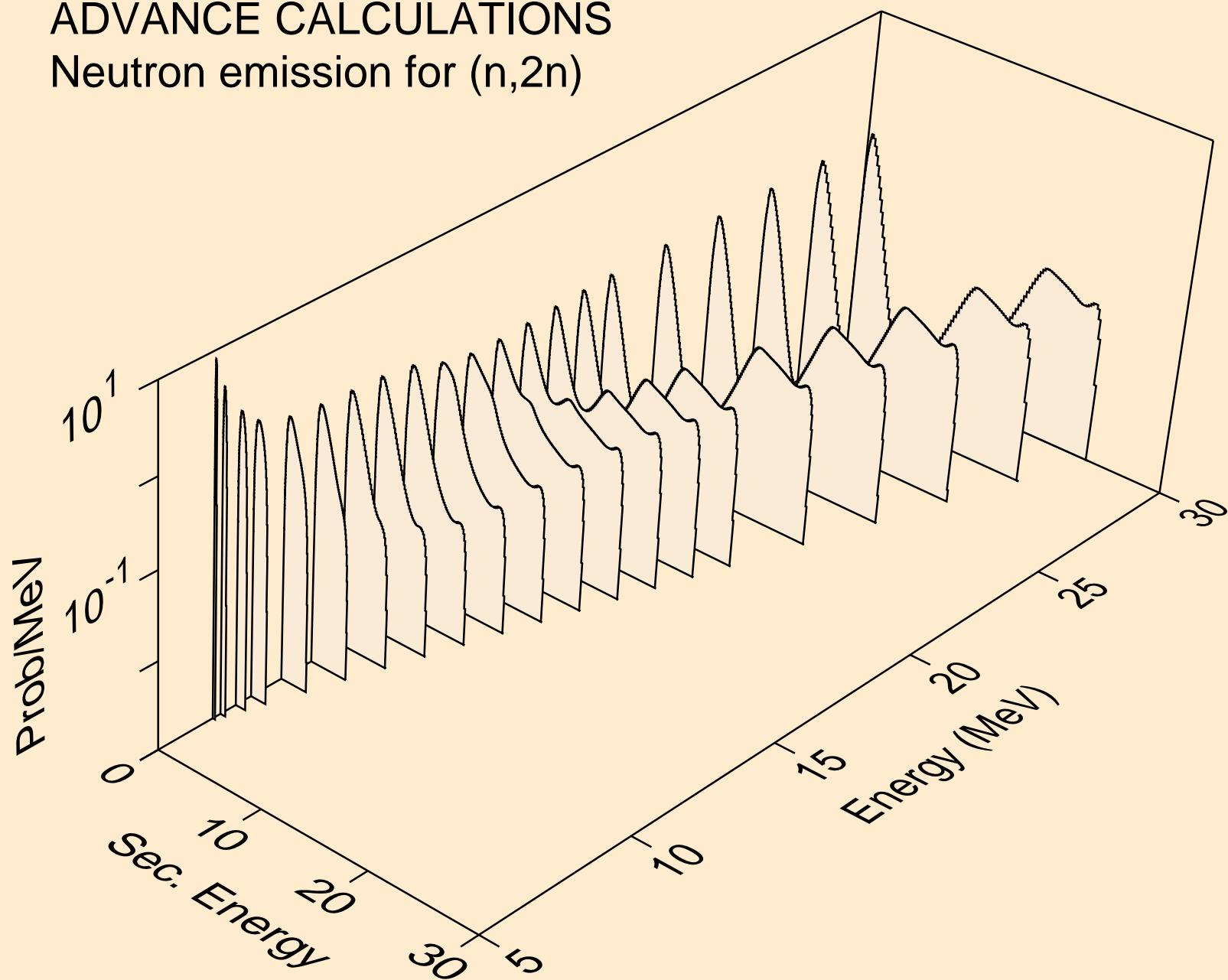
ADVANCE CALCULATIONS

Total fission nubar



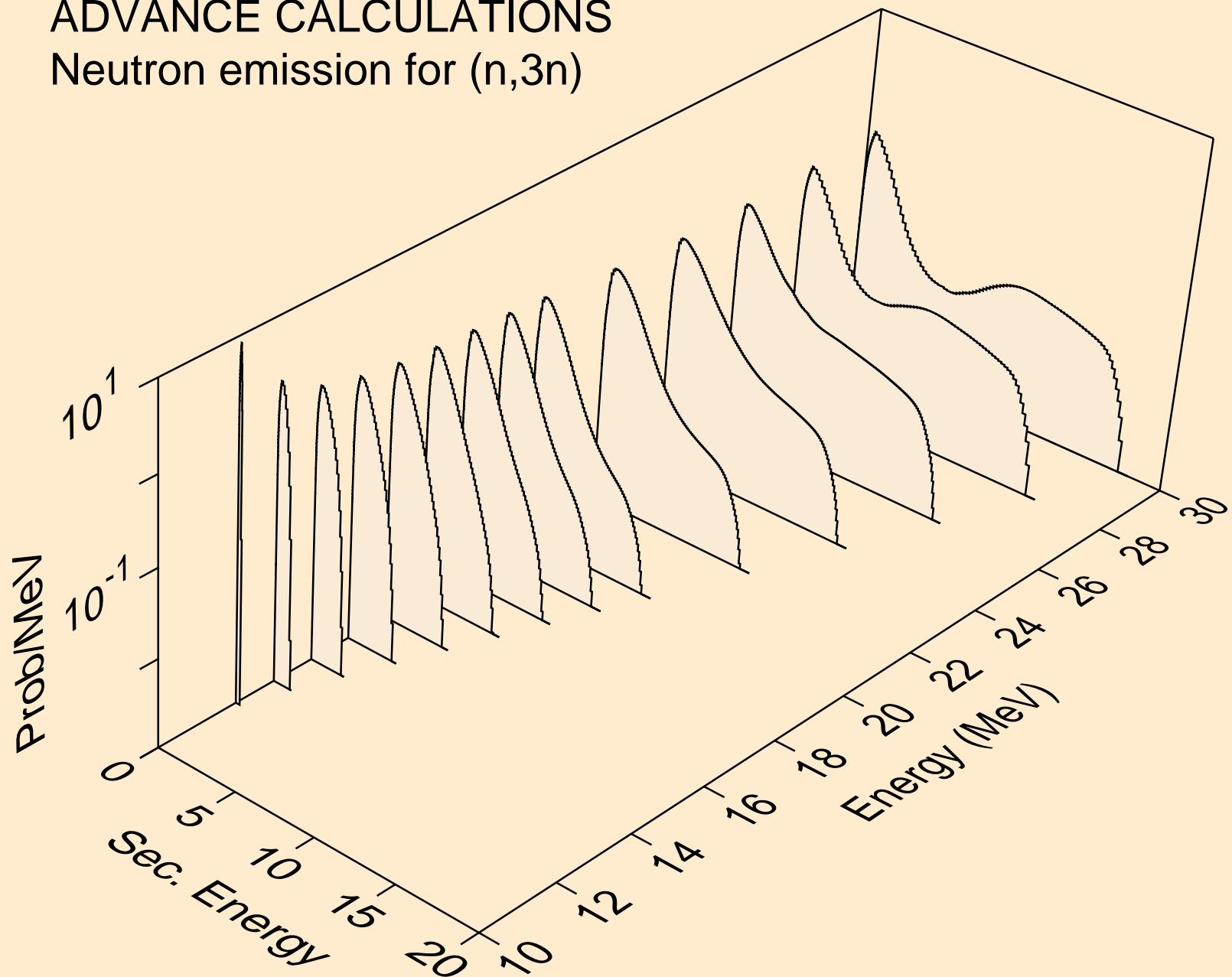
ADVANCE CALCULATIONS

Neutron emission for (n,2n)



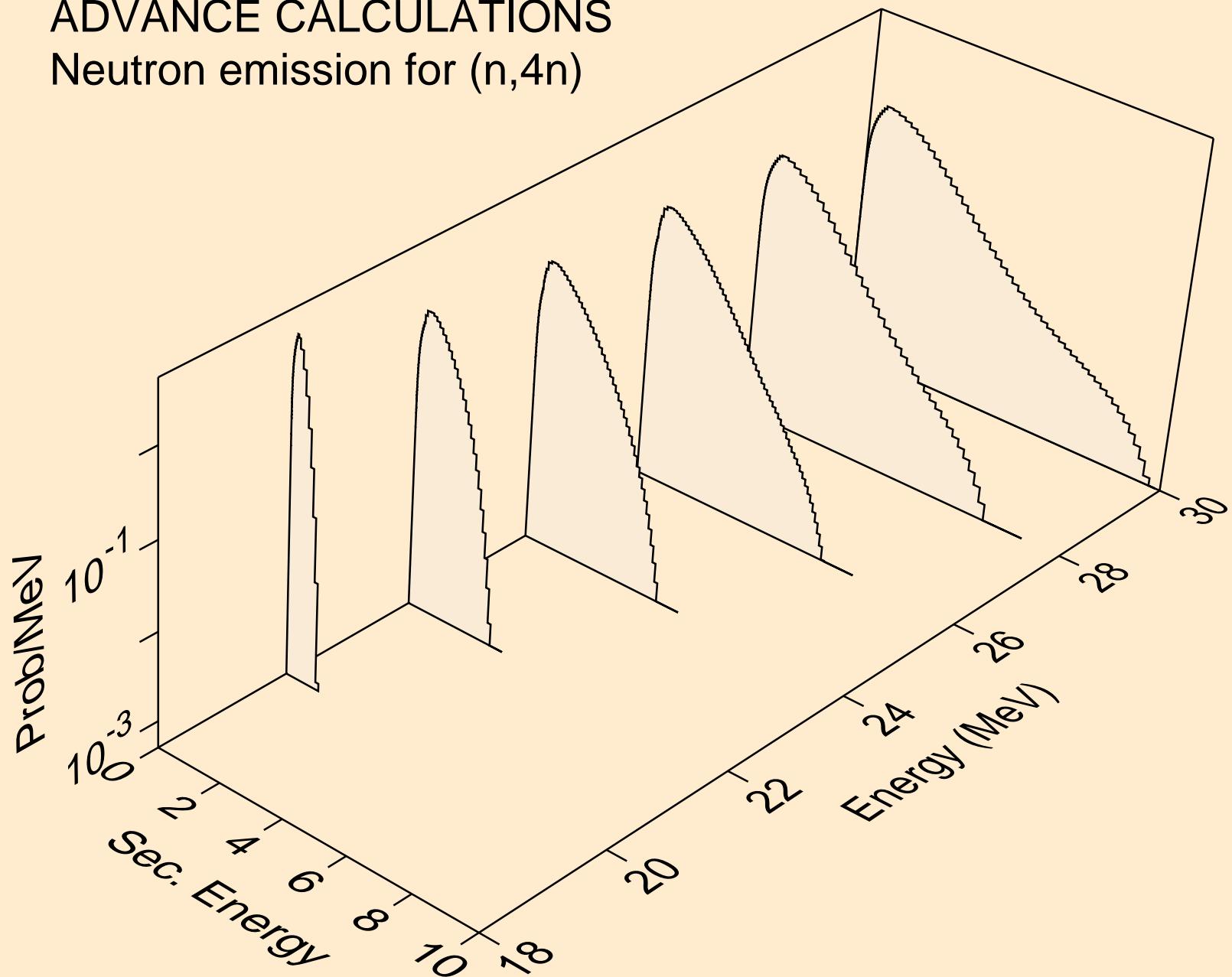
ADVANCE CALCULATIONS

Neutron emission for (n,3n)



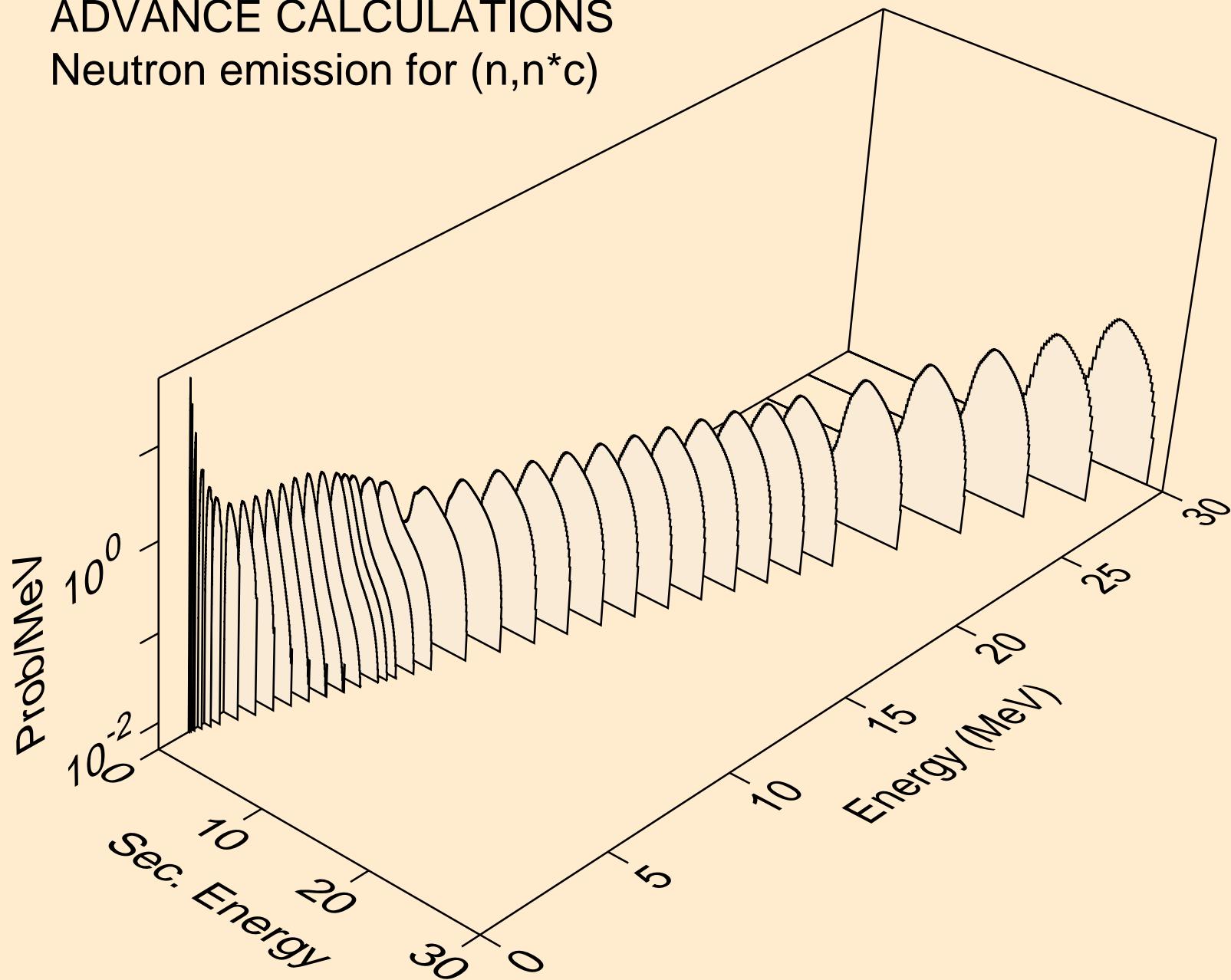
ADVANCE CALCULATIONS

Neutron emission for (n,4n)



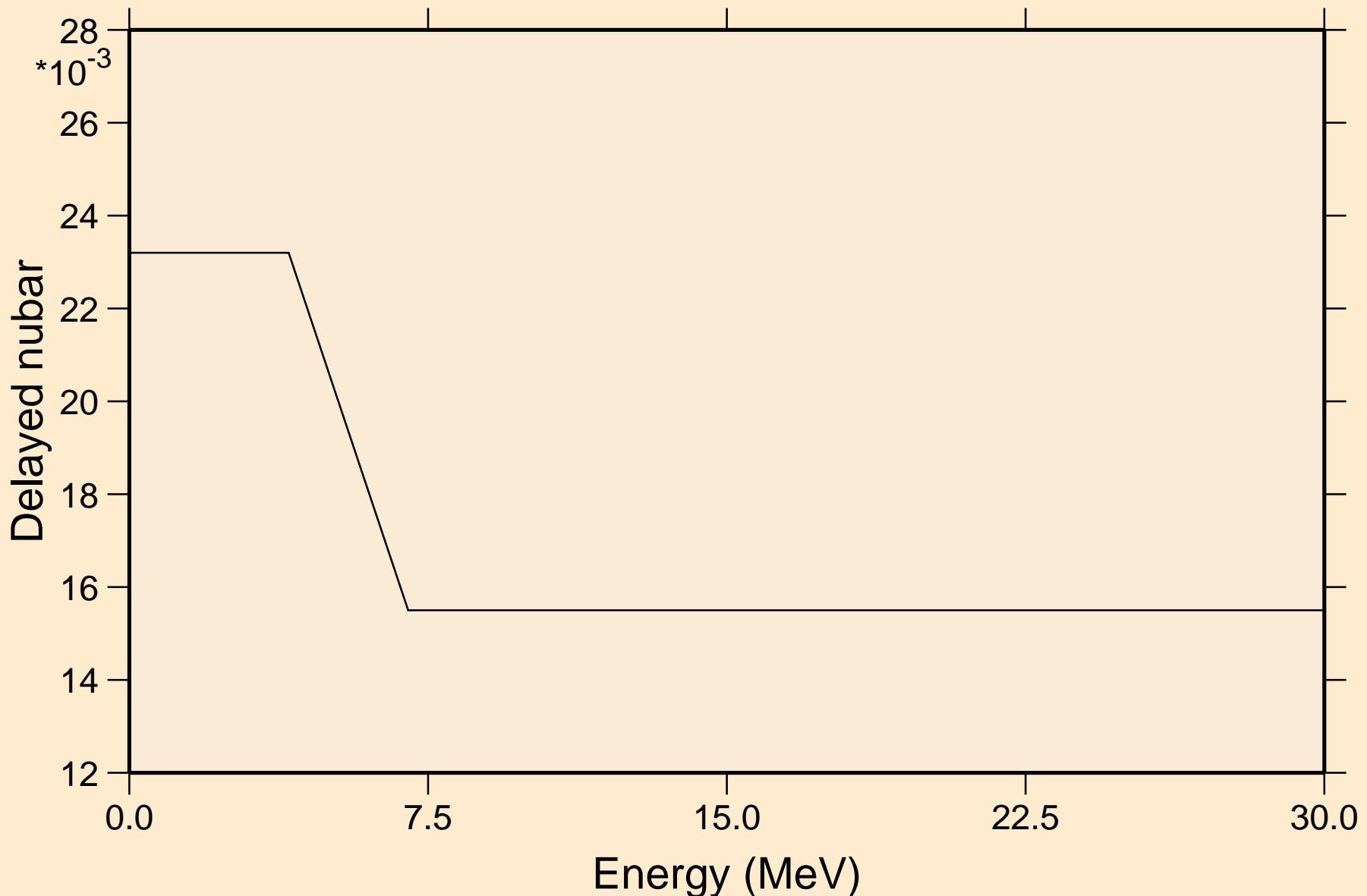
ADVANCE CALCULATIONS

Neutron emission for (n,n^*c)



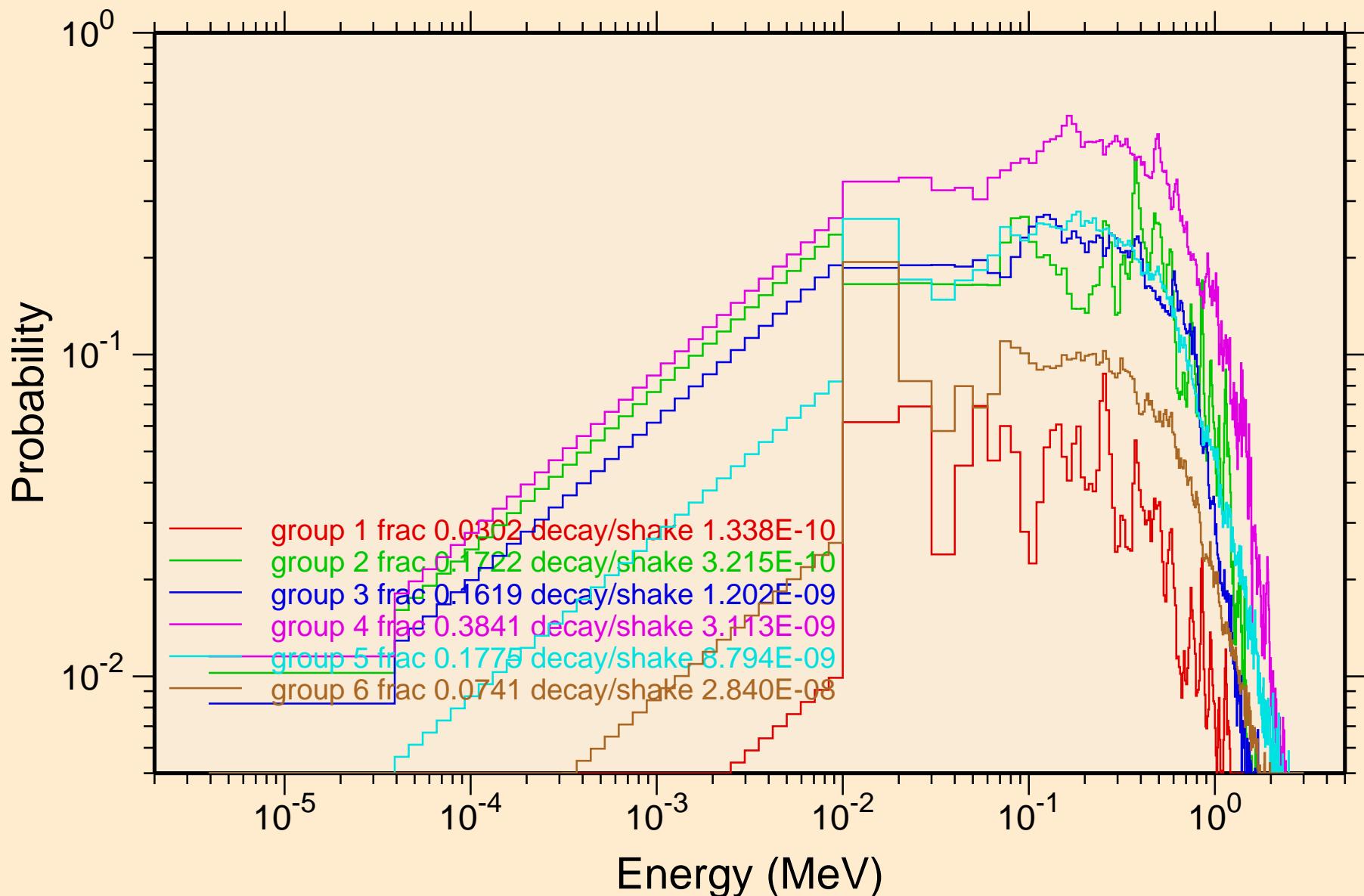
ADVANCE CALCULATIONS

Delayed nubar



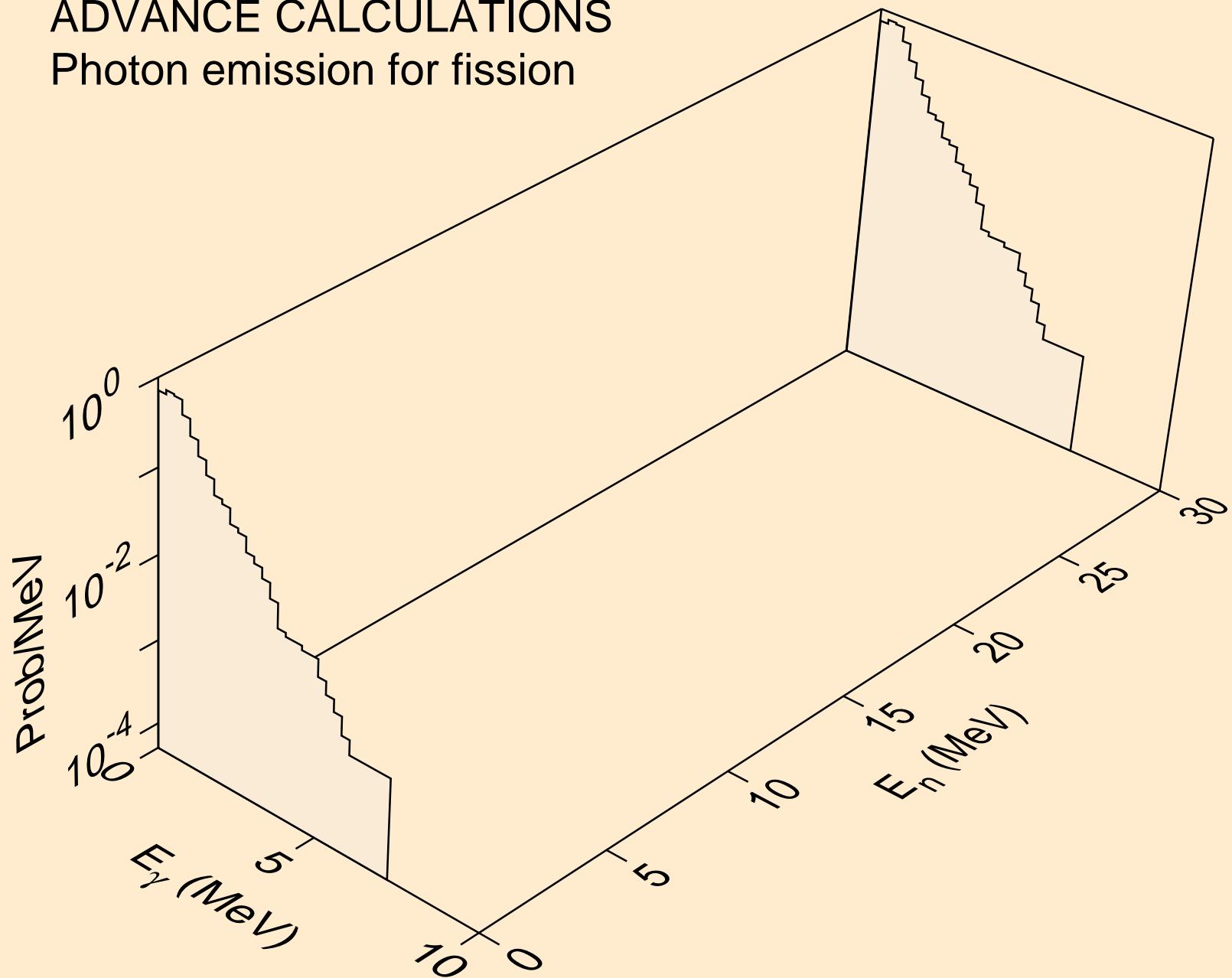
ADVANCE CALCULATIONS

Delayed neutron spectra



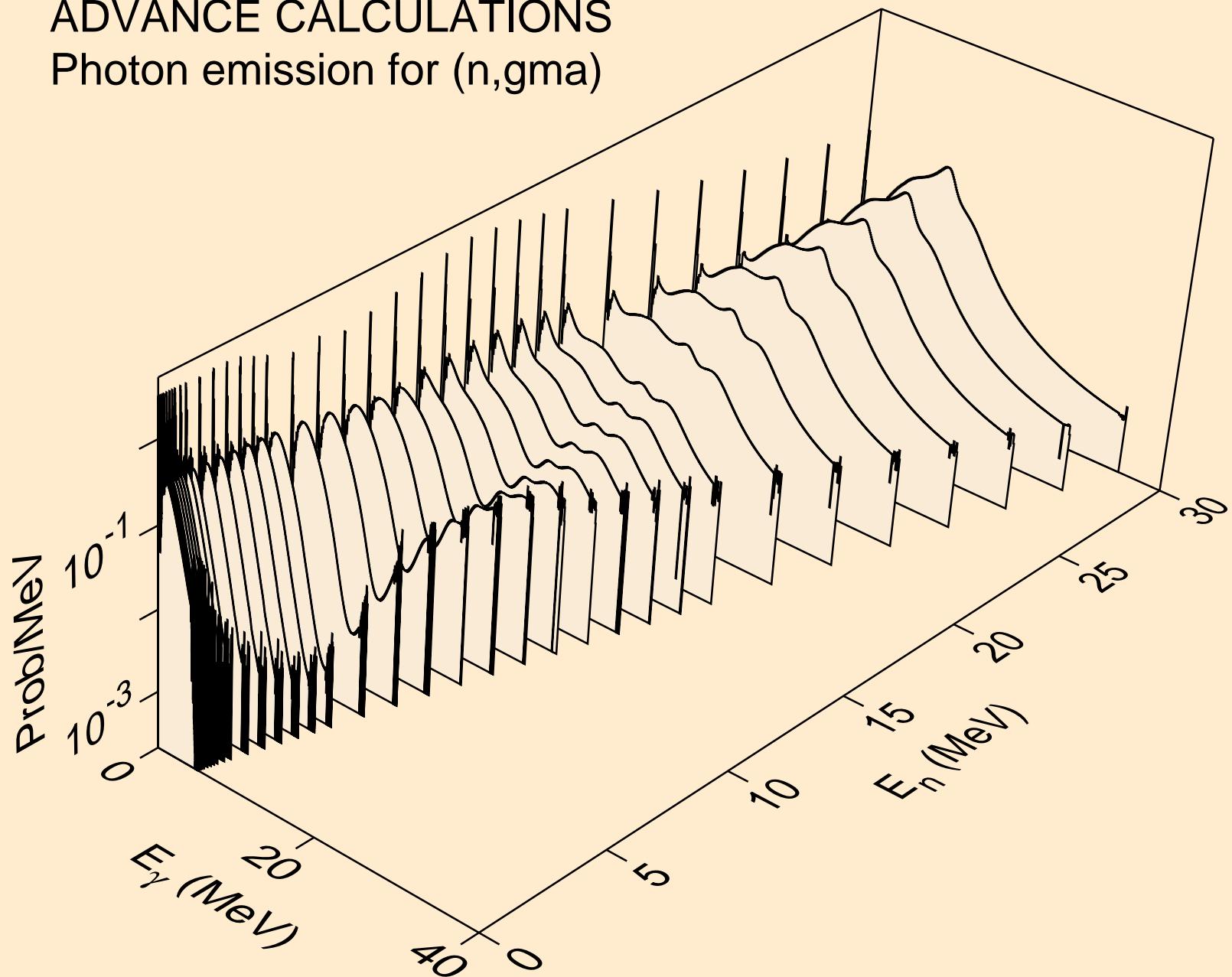
ADVANCE CALCULATIONS

Photon emission for fission



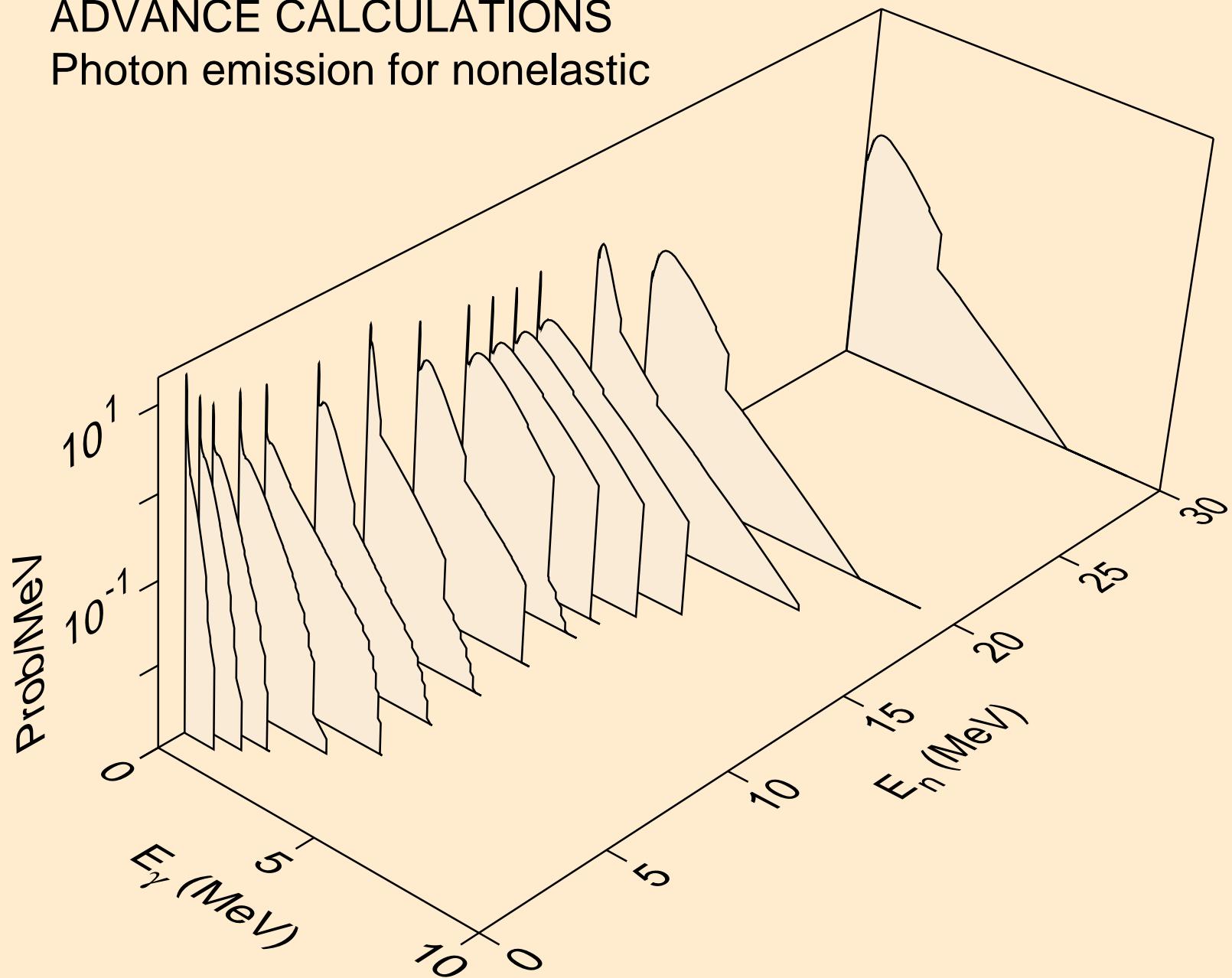
ADVANCE CALCULATIONS

Photon emission for (n,gma)



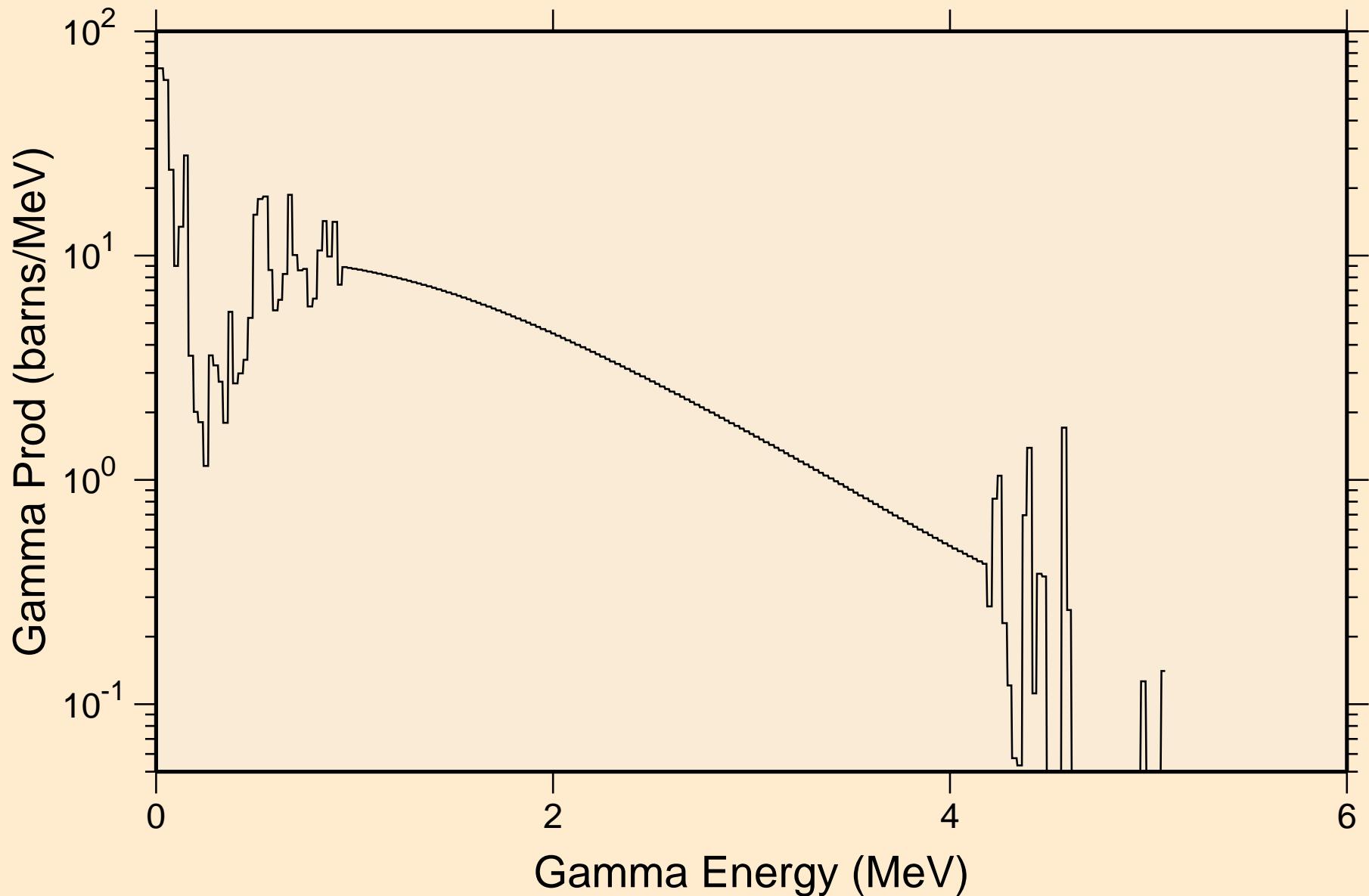
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Photon emission for nonelastic



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thermal capture photon spectrum



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14 MeV photon spectrum

